

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021819\  
 Data File : VU029533.D  
 Acq On : 18 Feb 2019 16:32  
 Operator : JC/SP  
 Sample : K1509-01  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 GAGG9

Quant Time: Feb 19 01:35:20 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR021219WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Feb 19 00:19:12 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 215830   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 209964   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 111019   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40   | 65    | 55248    | 3.81     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 76.20%  |
| 7) Chloroethane-d5             | 1.68   | 69    | 54825    | 4.28     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 85.60%  |
| 11) 1,1-Dichloroethene-d2      | 2.27   | 63    | 92280    | 2.93     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 58.60%# |
| 20) 2-Butanone-d5              | 4.19   | 46    | 147161   | 48.81    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 97.62%  |
| 24) Chloroform-d               | 4.65   | 84    | 98872    | 4.29     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 85.80%  |
| 26) 1,2-Dichloroethane-d4      | 5.31   | 65    | 59316    | 4.83     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 96.60%  |
| 32) Benzene-d6                 | 5.34   | 84    | 224401   | 4.45     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 89.00%  |
| 36) 1,2-Dichloropropane-d6     | 6.33   | 67    | 69784    | 4.68     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 93.60%  |
| 41) Toluene-d8                 | 7.56   | 98    | 214147   | 4.30     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 86.00%  |
| 43) trans-1,3-Dichloropropene- | 7.85   | 79    | 29388    | 4.41     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 88.20%  |
| 46) 2-Hexanone-d5              | 8.31   | 63    | 149838   | 48.84    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 97.68%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43  | 84    | 60582    | 4.67     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 93.40%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.86  | 152   | 93844    | 4.58     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 91.60%  |

| Target Compounds         |      |     |        |             | Ovalue |
|--------------------------|------|-----|--------|-------------|--------|
| 25) Chloroform           | 4.68 | 83  | 15250  | 0.534 ug/L  | 91     |
| 31) Carbon tetrachloride | 5.13 | 117 | 457402 | 19.493 ug/L | 99     |

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

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