

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101119\  
 Data File : VU035074.D  
 Acq On : 11 Oct 2019 02:18  
 Operator : JC/SP  
 Sample : K5309-03 400X  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 44 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 IW-2-001-01

Quant Time: Oct 11 06:58:08 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR100719WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Oct 11 04:39:23 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.87  | 114  | 153825   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.07  | 117  | 160634   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.47 | 152  | 59156    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40   | 65    | 35075    | 3.86     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 77.20%  |
| 7) Chloroethane-d5             | 1.68   | 69    | 36515    | 4.30     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 86.00%  |
| 11) 1,1-Dichloroethene-d2      | 2.26   | 63    | 55073    | 2.87     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 57.40%# |
| 20) 2-Butanone-d5              | 4.17   | 46    | 146785   | 54.82    | ug/L | -0.01   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 109.64% |
| 24) Chloroform-d               | 4.62   | 84    | 82038    | 4.83     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 96.60%  |
| 26) 1,2-Dichloroethane-d4      | 5.29   | 65    | 52920    | 5.20     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 104.00% |
| 32) Benzene-d6                 | 5.32   | 84    | 165295   | 4.39     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 87.80%  |
| 36) 1,2-Dichloropropane-d6     | 6.31   | 67    | 61986    | 4.92     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 98.40%  |
| 41) Toluene-d8                 | 7.55   | 98    | 146472   | 4.02     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 80.40%  |
| 43) trans-1,3-Dichloropropene- | 7.84   | 79    | 18110    | 4.00     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 80.00%  |
| 46) 2-Hexanone-d5              | 8.31   | 63    | 107296   | 49.78    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 99.56%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.41  | 84    | 57796    | 5.45     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 109.00% |
| 64) 1,2-Dichlorobenzene-d4     | 11.85  | 152   | 54242    | 5.44     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 108.80% |

| Target Compounds       |      |    |       |            | Ovalue |
|------------------------|------|----|-------|------------|--------|
| 16) Methylene chloride | 2.69 | 84 | 2571  | 0.210 ug/L | 99     |
| 25) Chloroform         | 4.65 | 83 | 13048 | 0.552 ug/L | 97     |

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

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