

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101119\  
 Data File : VU035060.D  
 Acq On : 10 Oct 2019 20:12  
 Operator : JC/SP  
 Sample : K5309-05  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 RB-1-191005-01

Quant Time: Oct 11 05:35:12 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     | 5.86  | 114  | 152262   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.07  | 117  | 161091   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.47 | 152  | 61499    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40   | 65    | 35545    | 3.95     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 79.00%  |
| 7) Chloroethane-d5             | 1.68   | 69    | 37120    | 4.42     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 88.40%  |
| 11) 1,1-Dichloroethene-d2      | 2.26   | 63    | 56216    | 2.96     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 59.20%# |
| 20) 2-Butanone-d5              | 4.17   | 46    | 151114   | 57.01    | ug/L | -0.01   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 114.02% |
| 24) Chloroform-d               | 4.63   | 84    | 84641    | 5.03     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 100.60% |
| 26) 1,2-Dichloroethane-d4      | 5.29   | 65    | 53409    | 5.30     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 106.00% |
| 32) Benzene-d6                 | 5.32   | 84    | 168842   | 4.47     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 89.40%  |
| 36) 1,2-Dichloropropane-d6     | 6.31   | 67    | 62546    | 4.95     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 99.00%  |
| 41) Toluene-d8                 | 7.55   | 98    | 146826   | 4.02     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 80.40%  |
| 43) trans-1,3-Dichloropropene- | 7.84   | 79    | 17853    | 3.93     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 78.60%  |
| 46) 2-Hexanone-d5              | 8.30   | 63    | 113725   | 52.62    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 105.24% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.41  | 84    | 58966    | 5.54     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 110.80% |
| 64) 1,2-Dichlorobenzene-d4     | 11.85  | 152   | 57257    | 5.52     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 110.40% |

## Target Compounds

|                |      |     |       |       | Ovalue  |
|----------------|------|-----|-------|-------|---------|
| 13) Acetone    | 2.31 | 43  | 14589 | 6.720 | ug/L 99 |
| 42) Toluene    | 7.62 | 91  | 22954 | 0.453 | ug/L 98 |
| 53) m,p-Xylene | 9.36 | 106 | 3517  | 0.170 | ug/L 82 |
| 55) Styrene    | 9.78 | 104 | 5623  | 0.172 | ug/L 98 |

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU101119\  
Data File : VU035060.D  
Acq On : 10 Oct 2019 20:12  
Operator : JC/SP  
Sample : K5309-05  
Misc : 25.0mL/MSVOA U/WATER  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
RB-1-191005-01

Quant Time: Oct 11 05:35:12 2019  
Quant Method : Z:\V0ASRV\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

