

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101519\  
 Data File : VU035182.D  
 Acq On : 15 Oct 2019 11:04  
 Operator : JC/SP  
 Sample : K5309-21  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VHBLK01

Quant Time: Oct 15 15:21:56 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR100719WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Oct 15 15:10:16 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.86  | 114  | 138888   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.07  | 117  | 141788   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.47 | 152  | 54644    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.39   | 65    | 37301    | 4.54     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 90.80%  |
| 7) Chloroethane-d5             | 1.67   | 69    | 36233    | 4.73     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 94.60%  |
| 11) 1,1-Dichloroethene-d2      | 2.26   | 63    | 55813    | 3.22     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 64.40%  |
| 20) 2-Butanone-d5              | 4.19   | 46    | 142271   | 58.84    | ug/L | 0.02    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 117.68% |
| 24) Chloroform-d               | 4.62   | 84    | 80781    | 5.26     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 105.20% |
| 26) 1,2-Dichloroethane-d4      | 5.29   | 65    | 46134    | 5.02     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 100.40% |
| 32) Benzene-d6                 | 5.32   | 84    | 146188   | 4.40     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 88.00%  |
| 36) 1,2-Dichloropropane-d6     | 6.31   | 67    | 54485    | 4.90     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 98.00%  |
| 41) Toluene-d8                 | 7.55   | 98    | 121021   | 3.76     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 75.20%  |
| 43) trans-1,3-Dichloropropene- | 7.84   | 79    | 17664    | 4.42     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 88.40%  |
| 46) 2-Hexanone-d5              | 8.31   | 63    | 93311    | 49.05    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 98.10%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.41  | 84    | 48482    | 5.18     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 103.60% |
| 64) 1,2-Dichlorobenzene-d4     | 11.84  | 152   | 44648    | 4.84     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 96.80%  |

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

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU101519\  
Data File : VU035182.D  
Acq On : 15 Oct 2019 11:04  
Operator : JC/SP  
Sample : K5309-21  
Misc : 25.0mL/MSVOA U/WATER  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
VHBLK01

Quant Time: Oct 15 15:21:56 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR100719WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Tue Oct 15 15:10:16 2019  
Response via : Initial Calibration

