

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071819\  
 Data File : VV011938.D  
 Acq On : 18 Jul 2019 17:05  
 Operator : SY/MD  
 Sample : K3823-10DL 20X  
 Misc : 25ML/MSVOA V/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 A52L4DL

Quant Time: Jul 19 06:50:07 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR071719WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Jul 19 05:34:55 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 149980   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 144978   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 67834    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 37897    | 3.44     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 68.80%  |
| 7) Chloroethane-d5             | 1.59   | 69    | 31826    | 3.49     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 69.80%  |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 55354    | 3.07     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 61.40%  |
| 20) 2-Butanone-d5              | 3.94   | 46    | 137906   | 49.57    | ug/L | -0.01   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 99.14%  |
| 24) Chloroform-d               | 4.40   | 84    | 106080   | 4.80     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 96.00%  |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 59527    | 5.25     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 105.00% |
| 32) Benzene-d6                 | 5.10   | 84    | 214378   | 5.08     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 101.60% |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 66430    | 5.14     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 102.80% |
| 41) Toluene-d8                 | 7.36   | 98    | 179604   | 4.66     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 93.20%  |
| 43) trans-1,3-Dichloropropene- | 7.67   | 79    | 21693    | 4.54     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 90.80%  |
| 46) 2-Hexanone-d5              | 8.13   | 63    | 92235    | 47.91    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 95.82%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 39057    | 4.81     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 96.20%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 73428    | 5.42     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 108.40% |

## Target Compounds

|                            |      |    |       |            | Ovalue |
|----------------------------|------|----|-------|------------|--------|
| 5) Vinyl chloride          | 1.32 | 62 | 2268  | 0.158 ug/L | # 78   |
| 22) cis-1,2-Dichloroethene | 3.96 | 96 | 90462 | 7.818 ug/L | 92     |
| 34) Trichloroethene        | 5.96 | 95 | 4589  | 0.364 ug/L | 93     |

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071819\  
Data File : VV011938.D  
Acq On : 18 Jul 2019 17:05  
Operator : SY/MD  
Sample : K3823-10DL 20X  
Misc : 25ML/MSVOA V/WATER  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
A52L4DL

Quant Time: Jul 19 06:50:07 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR071719WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Fri Jul 19 05:34:55 2019  
Response via : Initial Calibration

