

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071318\  
 Data File : VV006607.D  
 Acq On : 13 Jul 2018 21:45  
 Operator : SY/MD  
 Sample : J3983-15  
 Misc : 25 mL/MSVOA V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 DB195

Quant Time: Jul 14 02:49:06 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR070718WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Sat Jul 14 00:30:59 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 301838   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 280606   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 129174   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 87856    | 5.35     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 107.00% |
| 7) Chloroethane-d5             | 1.58   | 69    | 74331    | 5.19     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 103.80% |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 115683   | 3.79     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 75.80%  |
| 20) 2-Butanone-d5              | 3.95   | 46    | 192607   | 46.21    | ug/L | -0.02   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 92.42%  |
| 24) Chloroform-d               | 4.41   | 84    | 150385   | 4.66     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 93.20%  |
| 26) 1,2-Dichloroethane-d4      | 5.09   | 65    | 71884    | 4.79     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 95.80%  |
| 32) Benzene-d6                 | 5.10   | 84    | 328868   | 5.14     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 102.80% |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 99390    | 4.79     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 95.80%  |
| 41) Toluene-d8                 | 7.37   | 98    | 289602   | 5.06     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 101.20% |
| 43) trans-1,3-Dichloropropene- | 7.67   | 79    | 28637    | 4.07     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 81.40%  |
| 46) 2-Hexanone-d5              | 8.14   | 63    | 175724   | 49.42    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 98.84%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27  | 84    | 74285    | 4.55     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 91.00%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.68  | 152   | 112187   | 5.05     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 101.00% |

## Target Compounds

|                              |      |    |        |       | Ovalue   |
|------------------------------|------|----|--------|-------|----------|
| 5) Vinyl chloride            | 1.32 | 62 | 26378  | 0.98  | ug/L # 1 |
| 13) Acetone                  | 2.19 | 43 | 21808  | 8.27  | ug/L 99  |
| 14) Carbon disulfide         | 2.32 | 76 | 30866  | 0.55  | ug/L 98  |
| 18) trans-1,2-Dichloroethene | 2.79 | 96 | 57429  | 2.79  | ug/L 96  |
| 21) 2-Butanone               | 4.03 | 43 | 70359  | 16.27 | ug/L 95  |
| 22) cis-1,2-Dichloroethene   | 3.97 | 96 | 101432 | 4.58  | ug/L 97  |
| 34) Trichloroethene          | 5.96 | 95 | 4305   | 0.20  | ug/L 92  |

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071318\  
Data File : VV006607.D  
Acq On : 13 Jul 2018 21:45  
Operator : SY/MD  
Sample : J3983-15  
Misc : 25 mL/MSVOA V/WATER  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
DB195

Quant Time: Jul 14 02:49:06 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR070718WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Sat Jul 14 00:30:59 2018  
Response via : Initial Calibration

