

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062518\  
 Data File : VV006432.D  
 Acq On : 25 Jun 2018 15:49  
 Operator : SY/MD  
 Sample : J3673-01  
 Misc : 25 mL/MSVOA V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 DAZ55

Quant Time: Jun 26 07:03:45 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR062518WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Jun 26 06:50:47 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 336555   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 308637   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 138231   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 101856   | 4.60     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 92.00% |
| 7) Chloroethane-d5             | 1.58   | 69    | 78861    | 4.42     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 88.40% |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 177488   | 4.53     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 90.60% |
| 20) 2-Butanone-d5              | 3.98   | 46    | 191430   | 46.16    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 92.32% |
| 24) Chloroform-d               | 4.40   | 84    | 173161   | 4.59     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 91.80% |
| 26) 1,2-Dichloroethane-d4      | 5.09   | 65    | 80595    | 4.57     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 91.40% |
| 32) Benzene-d6                 | 5.10   | 84    | 362395   | 4.51     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 90.20% |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 106939   | 4.47     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 89.40% |
| 41) Toluene-d8                 | 7.36   | 98    | 338457   | 4.44     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 88.80% |
| 43) trans-1,3-Dichloropropene- | 7.67   | 79    | 36372    | 4.12     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 82.40% |
| 46) 2-Hexanone-d5              | 8.14   | 63    | 152388   | 43.61    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 87.22% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27  | 84    | 62444    | 4.25     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 85.00% |
| 64) 1,2-Dichlorobenzene-d4     | 11.68  | 152   | 118975   | 4.63     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 92.60% |

## Target Compounds

|                              |       |     |         |       |      | Ovalue |
|------------------------------|-------|-----|---------|-------|------|--------|
| 2) Dichlorodifluoromethane   | 1.14  | 85  | 172812  | 7.01  | ug/L | 100    |
| 5) Vinyl chloride            | 1.32  | 62  | 353545  | 12.87 | ug/L | 99     |
| 12) 1,1-Dichloroethene       | 2.14  | 96  | 89265   | 4.39  | ug/L | 95     |
| 16) Methylene chloride       | 2.54  | 84  | 8675    | 0.36  | ug/L | 95     |
| 18) trans-1,2-Dichloroethene | 2.79  | 96  | 48047   | 2.16  | ug/L | 100    |
| 19) 1,1-Dichloroethane       | 3.23  | 63  | 57705   | 1.45  | ug/L | 99     |
| 25) Chloroform               | 4.43  | 83  | 233194  | 5.83  | ug/L | 99     |
| 29) 1,1,1-Trichloroethane    | 4.66  | 97  | 67260   | 2.00  | ug/L | 100    |
| 34) Trichloroethene          | 5.96  | 95  | 72440   | 2.78  | ug/L | 99     |
| 37) 1,2-Dichloropropane      | 6.23  | 63  | 168259  | 7.55  | ug/L | 100    |
| 38) Bromodichloromethane     | 6.56  | 83  | 70562   | 2.75  | ug/L | 100    |
| 47) Tetrachloroethene        | 8.02  | 164 | 77512   | 3.93  | ug/L | 99     |
| 49) Dibromochloromethane     | 8.30  | 129 | 151079  | 9.21  | ug/L | 100    |
| 50) 1,2-Dibromoethane        | 8.40  | 107 | 82983   | 6.00  | ug/L | 98     |
| 51) Chlorobenzene            | 8.93  | 112 | 1122002 | 17.57 | ug/L | 99     |
| 61) Bromoform                | 9.78  | 173 | 116335  | 15.00 | ug/L | 99     |
| 63) 1,4-Dichlorobenzene      | 11.32 | 146 | 356729  | 7.83  | ug/L | 99     |

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|--------------------------------|-------|------|----------|------|-------|----------|
| 66) 1,2-Dibromo-3-chloropropan | 12.48 | 75   | 16759    | 9.25 | ug/L  | 99       |

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

