

Data File : VV008030.D  
Acq On : 02 Oct 2018 15:12  
Operator : SY/MD  
Sample : J5160-17  
Misc : 25.0 mL/MSVOA\_V/WATER  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
GACC0

Quant Time: Oct 15 04:05:21 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR092718WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Wed Oct 03 05:34:53 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 86323    | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 83902    | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 41584    | 5.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 22552    | 4.87     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 97.40%  |
| 7) Chloroethane-d5             | 1.59   | 69    | 20525    | 5.13     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 102.60% |
| 11) 1,1-Dichloroethene-d2      | 2.14   | 63    | 36728    | 3.51     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 70.20%  |
| 20) 2-Butanone-d5              | 3.96   | 46    | 66034    | 47.44    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 94.88%  |
| 24) Chloroform-d               | 4.41   | 84    | 54077    | 5.13     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 102.60% |
| 26) 1,2-Dichloroethane-d4      | 5.09   | 65    | 27836    | 4.80     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 96.00%  |
| 32) Benzene-d6                 | 5.10   | 84    | 100638   | 5.02     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 100.40% |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 31397    | 4.94     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 98.80%  |
| 41) Toluene-d8                 | 7.36   | 98    | 95008    | 4.66     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 93.20%  |
| 43) trans-1,3-Dichloropropene- | 7.67   | 79    | 10815    | 4.42     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 88.40%  |
| 46) 2-Hexanone-d5              | 8.14   | 63    | 43477    | 40.28    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 80.56%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27  | 84    | 21453    | 4.38     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 87.60%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.68  | 152   | 40370    | 5.02     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 100.40% |

| Target Compounds |      |     |       |            | Qvalue |
|------------------|------|-----|-------|------------|--------|
| 25) Chloroform   | 4.43 | 83  | 45629 | 3.931 ug/L | 98     |
| 42) Toluene      | 7.43 | 91  | 3273  | 0.125 ug/L | 98     |
| 53) m,p-xylene   | 9.18 | 106 | 1912  | 0.172 ug/L | 83     |

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

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