

Data File : VV014078.D  
Acq On : 16 Dec 2019 17:35  
Operator : SY/MD  
Sample : K6275-19  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :

Quant Time: Dec 17 06:56:33 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR112219WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Tue Dec 17 05:42:45 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 415766   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 402023   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 179599   | 5.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 103709   | 4.03     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 80.60%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 102871   | 4.71     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 94.20%  |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 131945   | 3.05     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 61.00%  |
| 20) 2-Butanone-d5              | 3.93   | 46    | 323629   | 60.50    | ug/L | -0.02   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 121.00% |
| 24) Chloroform-d               | 4.40   | 84    | 211573   | 4.08     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 81.60%  |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 110237   | 4.46     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 89.20%  |
| 32) Benzene-d6                 | 5.10   | 84    | 372543   | 3.59     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 71.80%  |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 133478   | 4.32     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 86.40%  |
| 41) Toluene-d8                 | 7.36   | 98    | 284095   | 2.92     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 58.40%# |
| 43) trans-1,3-Dichloropropene- | 7.66   | 79    | 41562    | 3.45     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 69.00%  |
| 46) 2-Hexanone-d5              | 8.13   | 63    | 237156   | 53.44    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 106.88% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 113493   | 5.29     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 105.80% |
| 64) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 133809   | 4.22     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 84.40%  |

#### Target Compounds

|                              |      |     |         |        |        | Qvalue |
|------------------------------|------|-----|---------|--------|--------|--------|
| 3) Chloromethane             | 1.25 | 50  | 3705    | 0.152  | ug/L   | 99     |
| 5) Vinyl chloride            | 1.33 | 62  | 7153    | 0.288  | ug/L # | 51     |
| 9) Trichlorofluoromethane    | 1.77 | 101 | 20116   | 0.522  | ug/L   | 97     |
| 12) 1,1-Dichloroethene       | 2.14 | 96  | 11899   | 0.595  | ug/L # | 1      |
| 13) Acetone                  | 2.19 | 43  | 13890m  | 3.713  | ug/L   |        |
| 14) Carbon disulfide         | 2.32 | 76  | 10221   | 0.221  | ug/L   | 95     |
| 18) trans-1,2-Dichloroethene | 2.79 | 96  | 10529   | 0.466  | ug/L   | 88     |
| 19) 1,1-Dichloroethane       | 3.23 | 63  | 13341   | 0.296  | ug/L # | 93     |
| 22) cis-1,2-Dichloroethene   | 3.96 | 96  | 382667  | 14.456 | ug/L # | 97     |
| 34) Trichloroethene          | 5.96 | 95  | 1787345 | 65.702 | ug/L   | 97     |
| 42) Toluene                  | 7.43 | 91  | 7678    | 0.073  | ug/L   | 86     |
| 47) Tetrachloroethene        | 8.02 | 164 | 6528    | 0.276  | ug/L   | 89     |

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

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