

Data File : VV013717.D  
Acq On : 21 Nov 2019 16:42  
Operator : SY/MD  
Sample : K5941-10 10X  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :

Quant Time: Nov 22 05:29:41 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR111519WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Fri Nov 22 03:55:18 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 355784   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 355043   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 162089   | 5.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 117612   | 5.35     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 107.00%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 107945   | 5.50     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 110.00%  |
| 11) 1,1-Dichloroethene-d2      | 2.12   | 63    | 173441   | 4.40     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 88.00%   |
| 20) 2-Butanone-d5              | 3.96   | 46    | 343695   | 67.62    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 135.24%# |
| 24) Chloroform-d               | 4.40   | 84    | 258643   | 5.32     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 106.40%  |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 134823   | 5.77     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 115.40%  |
| 32) Benzene-d6                 | 5.09   | 84    | 540576   | 5.46     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 109.20%  |
| 36) 1,2-Dichloropropane-d6     | 6.11   | 67    | 161971   | 5.54     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 110.80%  |
| 41) Toluene-d8                 | 7.36   | 98    | 471878   | 5.13     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 102.60%  |
| 43) trans-1,3-Dichloropropene- | 7.66   | 79    | 56524    | 5.02     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 100.40%  |
| 46) 2-Hexanone-d5              | 8.14   | 63    | 242114   | 56.84    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 113.68%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 116370   | 5.50     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 110.00%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 192980   | 6.19     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 123.80%# |

| Target Compounds       |      |    |       |            | Qvalue |
|------------------------|------|----|-------|------------|--------|
| 13) Acetone            | 2.23 | 43 | 7902m | 2.464 ug/L |        |
| 16) Methylene chloride | 2.53 | 84 | 5365  | 0.182 ug/L | 98     |

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

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