

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061719\  
 Data File : VV011550.D  
 Acq On : 17 Jun 2019 14:54  
 Operator : SY/MD  
 Sample : K3365-05DL 10X  
 Misc : 25ML/MSVOA V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 COM62

Quant Time: Jun 18 09:04:13 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR061419WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Jun 18 08:42:07 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 191364   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 175158   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 68274    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                  |        |       |          |          |      |        |
|----------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3             | 1.31   | 65    | 55229    | 3.82     | ug/L | 0.00   |
| Spiked Amount                    | 5.000  | Range | 40 - 130 | Recovery | =    | 76.40% |
| 7) Chloroethane-d5               | 1.58   | 69    | 42975    | 4.69     | ug/L | 0.00   |
| Spiked Amount                    | 5.000  | Range | 65 - 130 | Recovery | =    | 93.80% |
| 11) 1,1-Dichloroethene-d2        | 2.12   | 63    | 92991    | 3.38     | ug/L | 0.00   |
| Spiked Amount                    | 5.000  | Range | 60 - 125 | Recovery | =    | 67.60% |
| 20) 2-Butanone-d5                | 3.96   | 46    | 190426   | 46.84    | ug/L | 0.00   |
| Spiked Amount                    | 50.000 | Range | 40 - 130 | Recovery | =    | 93.68% |
| 24) Chloroform-d                 | 4.40   | 84    | 118294   | 4.26     | ug/L | 0.00   |
| Spiked Amount                    | 5.000  | Range | 70 - 125 | Recovery | =    | 85.20% |
| 26) 1,2-Dichloroethane-d4        | 5.08   | 65    | 69519    | 4.53     | ug/L | 0.00   |
| Spiked Amount                    | 5.000  | Range | 70 - 130 | Recovery | =    | 90.60% |
| 32) Benzene-d6                   | 5.09   | 84    | 224503   | 4.29     | ug/L | 0.00   |
| Spiked Amount                    | 5.000  | Range | 70 - 125 | Recovery | =    | 85.80% |
| 36) 1,2-Dichloropropane-d6       | 6.12   | 67    | 74460    | 4.49     | ug/L | 0.00   |
| Spiked Amount                    | 5.000  | Range | 60 - 140 | Recovery | =    | 89.80% |
| 41) Toluene-d8                   | 7.36   | 98    | 194025   | 4.17     | ug/L | 0.00   |
| Spiked Amount                    | 5.000  | Range | 70 - 130 | Recovery | =    | 83.40% |
| 43) trans-1,3-Dichloropropene-   | 7.66   | 79    | 22205    | 4.02     | ug/L | 0.00   |
| Spiked Amount                    | 5.000  | Range | 55 - 130 | Recovery | =    | 80.40% |
| 46) 2-Hexanone-d5                | 8.14   | 63    | 146849   | 46.10    | ug/L | 0.00   |
| Spiked Amount                    | 50.000 | Range | 45 - 130 | Recovery | =    | 92.20% |
| 57) 1,1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 52805    | 4.25     | ug/L | 0.00   |
| Spiked Amount                    | 5.000  | Range | 65 - 120 | Recovery | =    | 85.00% |
| 64) 1,2-Dichlorobenzene-d4       | 11.67  | 152   | 63729    | 4.68     | ug/L | 0.00   |
| Spiked Amount                    | 5.000  | Range | 80 - 120 | Recovery | =    | 93.60% |

## Target Compounds

|                            |      |    |        |             | Ovalue |
|----------------------------|------|----|--------|-------------|--------|
| 12) 1,1-Dichloroethene     | 2.13 | 96 | 14890  | 1.251 ug/L  | # 39   |
| 22) cis-1,2-Dichloroethene | 3.96 | 96 | 15771  | 1.034 ug/L  | 99     |
| 29) 1,1,1-Trichloroethane  | 4.65 | 97 | 16774  | 0.770 ug/L  | 98     |
| 34) Trichloroethene        | 5.96 | 95 | 253286 | 17.361 ug/L | 99     |

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

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