

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_V\DATA\VV083019\  
 Data File : VV012467.D  
 Acq On : 30 Aug 2019 20:53  
 Operator : SY/MD  
 Sample : K4500-21  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 GANL5

Quant Time: Aug 31 02:19:15 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR082919WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Sat Aug 31 01:38:02 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 196665   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 203410   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 74474    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 11645    | 0.66     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 13.20%# |
| 7) Chloroethane-d5             | 1.58   | 69    | 12326    | 0.97     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 19.40%# |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 28059    | 0.98     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 19.60%# |
| 20) 2-Butanone-d5              | 3.95   | 46    | 167840   | 46.98    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 93.96%  |
| 24) Chloroform-d               | 4.40   | 84    | 99705    | 3.31     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 66.20%# |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 42270    | 2.89     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 57.80%# |
| 32) Benzene-d6                 | 5.10   | 84    | 124992   | 2.06     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 41.20%# |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 60091    | 3.11     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 62.20%  |
| 41) Toluene-d8                 | 7.36   | 98    | 106446   | 1.94     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 38.80%# |
| 43) trans-1,3-Dichloropropene- | 7.66   | 79    | 18271    | 2.68     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 53.60%# |
| 46) 2-Hexanone-d5              | 8.14   | 63    | 115711   | 43.21    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 86.42%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 58540    | 4.28     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 85.60%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 67171    | 4.64     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 92.80%  |

## Target Compounds

|                            |      |     |        |             | Qvalue |
|----------------------------|------|-----|--------|-------------|--------|
| 13) Acetone                | 2.20 | 43  | 12369  | 4.738 ug/L  | 88     |
| 22) cis-1,2-Dichloroethene | 3.96 | 96  | 6737   | 0.337 ug/L  | 100    |
| 34) Trichloroethene        | 5.96 | 95  | 17085  | 0.796 ug/L  | 93     |
| 47) Tetrachloroethene      | 8.02 | 164 | 621989 | 36.215 ug/L | 99     |

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_V\DATA\VV083019\  
Data File : VV012467.D  
Acq On : 30 Aug 2019 20:53  
Operator : SY/MD  
Sample : K4500-21  
Misc : 25mL/MSVOA\_V/WATER  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
GANL5

Quant Time: Aug 31 02:19:15 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR082919WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Sat Aug 31 01:38:02 2019  
Response via : Initial Calibration

