

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090219\  
 Data File : VV012524.D  
 Acq On : 02 Sep 2019 13:12  
 Operator : SY/MD  
 Sample : K4607-04  
 Misc : 25mL/MSVOA V/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BFD61

Quant Time: Sep 03 05:59:07 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR090219WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Sep 03 05:44:01 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 160902   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 157953   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 63654    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 10073    | 0.64     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 12.80%# |
| 7) Chloroethane-d5             | 1.59   | 69    | 13687    | 0.89     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 17.80%# |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 30135    | 0.79     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 15.80%# |
| 20) 2-Butanone-d5              | 3.93   | 46    | 125915   | 42.28    | ug/L | -0.04   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 84.56%  |
| 24) Chloroform-d               | 4.40   | 84    | 73392    | 3.05     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 61.00%# |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 33022    | 2.65     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 53.00%# |
| 32) Benzene-d6                 | 5.10   | 84    | 92296    | 2.07     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 41.40%# |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 43690    | 3.13     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 62.60%  |
| 41) Toluene-d8                 | 7.36   | 98    | 82904    | 2.06     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 41.20%# |
| 43) trans-1,3-Dichloropropene- | 7.66   | 79    | 14516    | 2.84     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 56.80%  |
| 46) 2-Hexanone-d5              | 8.14   | 63    | 70309    | 36.75    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 73.50%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 39306    | 3.98     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 79.60%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 50970    | 4.36     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 87.20%  |

| Target Compounds |      |     |        |            | Ovalue |
|------------------|------|-----|--------|------------|--------|
| 13) Acetone      | 2.19 | 43  | 17754  | 4.202 ug/L | 95     |
| 42) Toluene      | 7.43 | 91  | 77873  | 1.105 ug/L | 96     |
| 55) Styrene      | 9.60 | 104 | 100877 | 2.253 ug/L | 96     |

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

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