

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050119\  
 Data File : VV010594.D  
 Acq On : 01 May 2019 00:13  
 Operator : SY/MD  
 Sample : K2590-17  
 Misc : 25mL/MSVOA V/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0XC4

Quant Time: May 01 09:14:26 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR050119WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Wed May 01 08:14:23 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 168766   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 172983   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 70148    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 49730    | 5.29     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 105.80%  |
| 7) Chloroethane-d5             | 1.57   | 69    | 37431    | 5.83     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 116.60%  |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 74040    | 4.08     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 81.60%   |
| 20) 2-Butanone-d5              | 3.94   | 46    | 130452   | 60.98    | ug/L | -0.01    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 121.96%  |
| 24) Chloroform-d               | 4.40   | 84    | 108928   | 5.49     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 109.80%  |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 57276    | 5.71     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 114.20%  |
| 32) Benzene-d6                 | 5.10   | 84    | 220460   | 5.67     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 113.40%  |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 67253    | 5.76     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 115.20%  |
| 41) Toluene-d8                 | 7.36   | 98    | 192055   | 4.99     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 99.80%   |
| 43) trans-1,3-Dichloropropene- | 7.67   | 79    | 21955    | 4.90     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 98.00%   |
| 46) 2-Hexanone-d5              | 8.13   | 63    | 112490   | 62.32    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 124.64%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 47969    | 5.47     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 109.40%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 78463    | 6.44     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 128.80%# |

## Target Compounds

|                           |      |     |         |         | Ovalue  |
|---------------------------|------|-----|---------|---------|---------|
| 9) Trichlorofluoromethane | 1.76 | 101 | 445706  | 20.100  | ug/L 99 |
| 13) Acetone               | 2.19 | 43  | 27866   | 21.066  | ug/L 93 |
| 31) Carbon tetrachloride  | 4.87 | 117 | 10958   | 0.630   | ug/L 97 |
| 34) Trichloroethene       | 5.96 | 95  | 24315   | 1.870   | ug/L 95 |
| 47) Tetrachloroethene     | 8.02 | 164 | 1158556 | 116.823 | ug/L 95 |
| 51) Chlorobenzene         | 8.92 | 112 | 5292    | 0.160   | ug/L 98 |

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

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