

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042719\  
 Data File : VV010529.D  
 Acq On : 27 Apr 2019 05:12  
 Operator : SY/MD  
 Sample : K2586-07  
 Misc : 25mL/MSVOA V/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0X31

Quant Time: Apr 29 09:21:59 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR042719WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Sat Apr 27 05:12:11 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 222945   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 210852   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 92642    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 55598    | 5.13     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 102.60%  |
| 7) Chloroethane-d5             | 1.57   | 69    | 38296    | 6.60     | ug/L | -0.02    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 132.00%# |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 79466    | 3.90     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 78.00%   |
| 20) 2-Butanone-d5              | 3.93   | 46    | 140684   | 50.30    | ug/L | -0.02    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 100.60%  |
| 24) Chloroform-d               | 4.40   | 84    | 137664   | 4.73     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 94.60%   |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 69915    | 5.21     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 104.20%  |
| 32) Benzene-d6                 | 5.10   | 84    | 284748   | 5.47     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 109.40%  |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 80271    | 5.41     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 108.20%  |
| 41) Toluene-d8                 | 7.36   | 98    | 247779   | 4.98     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 99.60%   |
| 43) trans-1,3-Dichloropropene- | 7.67   | 79    | 26118    | 4.61     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 92.20%   |
| 46) 2-Hexanone-d5              | 8.13   | 63    | 118062   | 49.32    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 98.64%   |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 57460    | 4.88     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 97.60%   |
| 64) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 111396   | 6.24     | ug/L | 0.00     |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 124.80%# |

## Target Compounds

|                           |      |     |       |             | Ovalue |
|---------------------------|------|-----|-------|-------------|--------|
| 9) Trichlorofluoromethane | 1.76 | 101 | 5667  | 0.233 ug/L  | 97     |
| 13) Acetone               | 2.19 | 43  | 15012 | 10.775 ug/L | 96     |
| 34) Trichloroethene       | 5.96 | 95  | 21220 | 1.336 ug/L  | 95     |
| 47) Tetrachloroethene     | 8.02 | 164 | 11298 | 0.762 ug/L  | 98     |

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

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