

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121019\  
 Data File : VV014001.D  
 Acq On : 10 Dec 2019 21:03  
 Operator : SY/MD  
 Sample : K6200-09  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BFF42

Quant Time: Dec 11 03:13:24 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM120219WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Dec 11 00:25:42 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 621396   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 567260   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 240629   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 144042   | 40.08    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 80.16%  |
| 7) Chloroethane-d5             | 1.57    | 69    | 164818   | 43.94    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 87.88%  |
| 11) 1,1-Dichloroethene-d2      | 2.13    | 63    | 242624   | 30.53    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 61.06%  |
| 21) 2-Butanone-d5              | 3.92    | 46    | 226303   | 89.46    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 89.46%  |
| 24) Chloroform-d               | 4.40    | 84    | 314622   | 41.69    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 83.38%  |
| 26) 1,2-Dichloroethane-d4      | 5.08    | 65    | 201375   | 42.11    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 84.22%  |
| 32) Benzene-d6                 | 5.09    | 84    | 611389   | 41.59    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 83.18%  |
| 36) 1,2-Dichloropropane-d6     | 6.11    | 67    | 186209   | 42.20    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 84.40%  |
| 41) Toluene-d8                 | 7.36    | 98    | 507433   | 37.87    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 75.74%# |
| 43) trans-1,3-Dichloropropene- | 7.66    | 79    | 78541    | 36.58    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 73.16%  |
| 47) 2-Hexanone-d5              | 8.13    | 63    | 115384   | 70.03    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 70.03%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.25   | 84    | 248748   | 38.93    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 77.86%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.67   | 152   | 202468   | 42.84    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 85.68%  |

| Target Compounds | Ovalue |
|------------------|--------|
| -----            |        |

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

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