

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121719\  
 Data File : VV014098.D  
 Acq On : 17 Dec 2019 17:08  
 Operator : SY/MD  
 Sample : K6280-12  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BFF32

Quant Time: Dec 18 07:44:03 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM120219WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Dec 18 06:35:10 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 691316   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 666801   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 309787   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 228045   | 57.04    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 114.08% |
| 7) Chloroethane-d5             | 1.58    | 69    | 212751   | 50.98    | ug/L | 0.02    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 101.96% |
| 11) 1,1-Dichloroethene-d2      | 2.13    | 63    | 314685   | 35.59    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 71.18%  |
| 21) 2-Butanone-d5              | 3.92    | 46    | 301897   | 107.28   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 107.28% |
| 24) Chloroform-d               | 4.40    | 84    | 424198   | 50.52    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 101.04% |
| 26) 1,2-Dichloroethane-d4      | 5.08    | 65    | 262820   | 49.40    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 98.80%  |
| 32) Benzene-d6                 | 5.10    | 84    | 847070   | 49.02    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 98.04%  |
| 36) 1,2-Dichloropropane-d6     | 6.11    | 67    | 255536   | 49.27    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 98.54%  |
| 41) Toluene-d8                 | 7.36    | 98    | 702159   | 44.58    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 89.16%  |
| 43) trans-1,3-Dichloropropene- | 7.66    | 79    | 107902   | 42.75    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 85.50%  |
| 47) 2-Hexanone-d5              | 8.13    | 63    | 186843   | 96.48    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 96.48%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.25   | 84    | 360234   | 47.97    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 95.94%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.67   | 152   | 294343   | 48.38    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 96.76%  |

| Target Compounds |      |    |       |            | Ovalue |
|------------------|------|----|-------|------------|--------|
| 13) Acetone      | 2.19 | 43 | 10051 | 2.437 ug/L | 98     |

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

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