

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121219\  
 Data File : VV014036.D  
 Acq On : 12 Dec 2019 17:02  
 Operator : SY/MD  
 Sample : K6280-03  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BFF29

Quant Time: Dec 13 07:30:37 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM120219WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Dec 13 06:14:07 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 648760   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 629839   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 244290   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 184900   | 49.28    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 98.56%  |
| 7) Chloroethane-d5             | 1.56    | 69    | 182800   | 46.67    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 93.34%  |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 271898   | 32.77    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 65.54%  |
| 21) 2-Butanone-d5              | 3.92    | 46    | 263793   | 99.88    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 99.88%  |
| 24) Chloroform-d               | 4.39    | 84    | 392234   | 49.78    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 99.56%  |
| 26) 1,2-Dichloroethane-d4      | 5.07    | 65    | 253847   | 50.84    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 101.68% |
| 32) Benzene-d6                 | 5.09    | 84    | 804812   | 49.31    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 98.62%  |
| 36) 1,2-Dichloropropane-d6     | 6.11    | 67    | 258248   | 52.71    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 105.42% |
| 41) Toluene-d8                 | 7.35    | 98    | 693360   | 46.60    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 93.20%  |
| 43) trans-1,3-Dichloropropene- | 7.66    | 79    | 103102   | 43.25    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 86.50%  |
| 47) 2-Hexanone-d5              | 8.13    | 63    | 145439   | 79.51    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 79.51%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.25   | 84    | 312237   | 44.02    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 88.04%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.67   | 152   | 267109   | 55.67    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 111.34% |

| Target Compounds |      |    |      | Ovalue        |
|------------------|------|----|------|---------------|
| 13) Acetone      | 2.19 | 43 | 7070 | 1.827 ug/L 81 |

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

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