

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120319\  
 Data File : VV013883.D  
 Acq On : 03 Dec 2019 10:58  
 Operator : SY/MD  
 Sample : VV1203WBL01  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VBLK83

Quant Time: Dec 04 01:28:51 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM120219WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Dec 04 01:11:22 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 628012   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 607588   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 259801   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 178441   | 49.13    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 98.26%  |
| 7) Chloroethane-d5             | 1.57    | 69    | 195587   | 51.59    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 103.18% |
| 11) 1,1-Dichloroethene-d2      | 2.13    | 63    | 297150   | 37.00    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 74.00%  |
| 21) 2-Butanone-d5              | 3.92    | 46    | 298286   | 116.68   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 116.68% |
| 24) Chloroform-d               | 4.39    | 84    | 413136   | 54.16    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 108.32% |
| 26) 1,2-Dichloroethane-d4      | 5.08    | 65    | 259880   | 53.77    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 107.54% |
| 32) Benzene-d6                 | 5.09    | 84    | 805546   | 51.17    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 102.34% |
| 36) 1,2-Dichloropropane-d6     | 6.11    | 67    | 245453   | 51.94    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 103.88% |
| 41) Toluene-d8                 | 7.35    | 98    | 670342   | 46.70    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 93.40%  |
| 43) trans-1,3-Dichloropropene- | 7.66    | 79    | 104096   | 45.27    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 90.54%  |
| 47) 2-Hexanone-d5              | 8.13    | 63    | 157484   | 89.24    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 89.24%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.25   | 84    | 328582   | 48.02    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 96.04%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.67   | 152   | 286516   | 56.15    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 112.30% |

| Target Compounds |      |    |      |            | Ovalue |
|------------------|------|----|------|------------|--------|
| 13) Acetone      | 2.18 | 43 | 7354 | 1.963 ug/L | 95     |

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

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