

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062619\  
 Data File : VW010995.D  
 Acq On : 26 Jun 2019 11:01  
 Operator : SY/VA  
 Sample : VW0626SBL01  
 Misc : 5.00G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VBLK28

Quant Time: Jun 27 07:38:27 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM062419S.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Jun 27 07:30:59 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 359718   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 325683   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 150732   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 106512   | 22.84    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 91.36% |
| 7) Chloroethane-d5             | 2.88   | 69    | 77350    | 21.52    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 86.08% |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 179116   | 16.25    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 65.00% |
| 20) 2-Butanone-d5              | 7.07   | 46    | 106618   | 48.69    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 97.38% |
| 24) Chloroform-d               | 7.65   | 84    | 215304   | 22.19    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 88.76% |
| 26) 1,2-Dichloroethane-d4      | 8.30   | 65    | 139211   | 23.15    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 92.60% |
| 29) Benzene-d6                 | 8.27   | 84    | 453690   | 23.20    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 92.80% |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 149536   | 23.14    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 92.56% |
| 37) Toluene-d8                 | 10.32  | 98    | 401014   | 22.73    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 90.92% |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 56873    | 19.89    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 79.56% |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 66986    | 46.13    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 92.26% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 122995   | 23.10    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 92.40% |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 135391   | 23.80    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 95.20% |

| Target Compounds |      |    |       |            | Ovalue |
|------------------|------|----|-------|------------|--------|
| 13) Acetone      | 4.12 | 43 | 10161 | 4.846 ug/L | 91     |

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

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