

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040319\  
 Data File : VW009666.D  
 Acq On : 03 Apr 2019 18:28  
 Operator : SY/VA  
 Sample : VW0403SBL01  
 Misc : 5.00G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VBLK21

Manual Integrations  
 APPROVED

MMDadoda  
 4/10/2019 8:53:19 AM

Quant Time: Apr 04 02:11:24 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM040319S.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Apr 04 02:03:18 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 499651   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 470328   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 216696   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 151578   | 23.18    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 92.72% |
| 7) Chloroethane-d5             | 2.89   | 69    | 140705   | 23.49    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 93.96% |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 244137   | 17.36    | ug/L | -0.01  |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 69.44% |
| 20) 2-Butanone-d5              | 7.08   | 46    | 98825    | 46.55    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 93.10% |
| 24) Chloroform-d               | 7.64   | 84    | 299491   | 21.97    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 87.88% |
| 26) 1,2-Dichloroethane-d4      | 8.30   | 65    | 187996   | 22.46    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 89.84% |
| 29) Benzene-d6                 | 8.27   | 84    | 575184   | 23.30    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 93.20% |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 171019   | 22.43    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 89.72% |
| 37) Toluene-d8                 | 10.32  | 98    | 527715   | 23.12    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 92.48% |
| 38) trans-1,3-Dichloropropene- | 10.57  | 79    | 81414    | 22.38    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 89.52% |
| 39) 2-Hexanone-d5              | 10.92  | 63    | 69744    | 48.52    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 97.04% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 153690   | 21.68    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 86.72% |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 182619   | 24.02    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 96.08% |

| Target Compounds       |      |    |        |            | Ovalue |
|------------------------|------|----|--------|------------|--------|
| 13) Acetone            | 4.14 | 43 | 6129   | 2.695 ug/L | 54     |
| 16) Methylene chloride | 4.90 | 84 | 29032m | 3.295 ug/L |        |

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

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