

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061820\  
 Data File : VW015627.D  
 Acq On : 18 Jun 2020 10:34  
 Operator : SY/VA  
 Sample : VW0618SBL01  
 Misc : 5.00G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VBLK08

Quant Time: Jun 19 07:44:18 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM052620S.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Jun 19 07:30:11 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 311894   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 288380   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 133683   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 2.36   | 65    | 55273    | 19.34    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 77.36% |
| 7) Chloroethane-d5             | 2.89   | 69    | 65788    | 23.14    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 92.56% |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 98466    | 14.14    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 56.56% |
| 20) 2-Butanone-d5              | 7.09   | 46    | 43870    | 47.01    | ug/L | 0.01   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 94.02% |
| 24) Chloroform-d               | 7.65   | 84    | 162027   | 22.46    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 89.84% |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 93206    | 23.23    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 92.92% |
| 29) Benzene-d6                 | 8.27   | 84    | 312263   | 22.08    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 88.32% |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 96111    | 22.36    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 89.44% |
| 37) Toluene-d8                 | 10.32  | 98    | 293604   | 21.35    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 85.40% |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 36800    | 18.51    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 74.04% |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 33717    | 45.31    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 90.62% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 72509    | 22.41    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 89.64% |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 102251   | 22.82    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 91.28% |

| Target Compounds       |      |    |       |            | Ovalue |
|------------------------|------|----|-------|------------|--------|
| 16) Methylene chloride | 4.91 | 84 | 14486 | 3.784 ug/L | 92     |

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

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