

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121019\  
 Data File : VW014285.D  
 Acq On : 10 Dec 2019 16:43  
 Operator : SY/VA  
 Sample : K6172-13  
 Misc : 6.23G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 C0C05

Quant Time: Dec 11 05:01:24 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM120519S.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Dec 11 04:05:19 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 1241777  | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 1115064  | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 477968   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 378362   | 20.12    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 80.48% |
| 7) Chloroethane-d5             | 2.89   | 69    | 287187   | 20.54    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 82.16% |
| 10) 1,1-Dichloroethene-d2      | 4.02   | 63    | 507233   | 15.27    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 61.08% |
| 20) 2-Butanone-d5              | 7.07   | 46    | 156879   | 32.02    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 64.04% |
| 24) Chloroform-d               | 7.65   | 84    | 637957   | 20.18    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 80.72% |
| 26) 1,2-Dichloroethane-d4      | 8.30   | 65    | 322709   | 19.47    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 77.88% |
| 29) Benzene-d6                 | 8.27   | 84    | 1338754  | 20.49    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 81.96% |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 410649   | 20.42    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 81.68% |
| 37) Toluene-d8                 | 10.32  | 98    | 1194737  | 20.22    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 80.88% |
| 38) trans-1,3-Dichloropropene- | 10.57  | 79    | 153312   | 18.18    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 72.72% |
| 39) 2-Hexanone-d5              | 10.92  | 63    | 120889   | 30.24    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 60.48% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 281273   | 17.17    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 68.68% |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 379434   | 20.77    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 83.08% |

| Target Compounds |      |    |       |            | Ovalue |
|------------------|------|----|-------|------------|--------|
| 13) Acetone      | 4.12 | 43 | 34099 | 7.218 ug/L | 96     |

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

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