

Data File : VW011622.D  
Acq On : 02 Aug 2019 14:50  
Operator : SY/VA  
Sample : K4116-15  
Misc : 5.11G/10ML/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
JLLE7

Quant Time: Aug 03 02:26:37 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM073019S.M  
Quant Title : VOC Analysis  
QLast Update : Sat Aug 03 02:22:50 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 312115   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 275678   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 121373   | 25.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 2.34   | 65    | 91167    | 20.74    | ug/L | -0.01  |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 82.96% |
| 7) Chloroethane-d5             | 2.89   | 69    | 66515    | 21.01    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 84.04% |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 164637   | 16.34    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 65.36% |
| 20) 2-Butanone-d5              | 7.09   | 46    | 69778    | 35.26    | ug/L | 0.01   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 70.52% |
| 24) Chloroform-d               | 7.65   | 84    | 194649   | 22.71    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 90.84% |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 115168   | 22.70    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 90.80% |
| 29) Benzene-d6                 | 8.27   | 84    | 400022   | 23.07    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 92.28% |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 128881   | 23.03    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 92.12% |
| 37) Toluene-d8                 | 10.32  | 98    | 344158   | 22.37    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 89.48% |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 49445    | 20.16    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 80.64% |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 45868    | 35.09    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 70.18% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 95568    | 20.56    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 82.24% |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 110514   | 23.63    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 94.52% |

Target Compounds Qvalue

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

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