

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112719\  
 Data File : VW014159.D  
 Acq On : 27 Nov 2019 15:17  
 Operator : SY/VA  
 Sample : K6063-18  
 Misc : 5.58G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 C0BP5

Quant Time: Nov 29 00:50:28 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM111119S.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Nov 28 07:23:52 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 306574   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 270901   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 105267   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 74170    | 15.16    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 60.64%  |
| 7) Chloroethane-d5             | 2.89   | 69    | 74390    | 18.76    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 75.04%  |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 127442   | 12.70    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 50.80%  |
| 20) 2-Butanone-d5              | 7.07   | 46    | 57605    | 40.54    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 81.08%  |
| 24) Chloroform-d               | 7.65   | 84    | 223861   | 23.75    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 95.00%  |
| 26) 1,2-Dichloroethane-d4      | 8.30   | 65    | 112494   | 23.74    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 94.96%  |
| 29) Benzene-d6                 | 8.27   | 84    | 446664   | 23.24    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 92.96%  |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 143098   | 25.42    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 101.68% |
| 37) Toluene-d8                 | 10.32  | 98    | 384296   | 21.08    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 84.32%  |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 44507    | 18.46    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 73.84%  |
| 39) 2-Hexanone-d5              | 10.92  | 63    | 43450    | 40.69    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 81.38%  |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 108080   | 25.42    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 101.68% |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 109170   | 25.81    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 103.24% |

| Target Compounds | Ovalue |
|------------------|--------|
| -----            |        |

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

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