

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120619\  
 Data File : VW014249.D  
 Acq On : 06 Dec 2019 15:04  
 Operator : SY/VA  
 Sample : K6171-03  
 Misc : 5.48G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 C0BS2

Manual Integrations  
 APPROVED

apatel  
 12/9/2019 2:04:36 PM

Quant Time: Dec 07 04:51:09 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM120519S.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Dec 07 04:10:05 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 1163979  | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 971709   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 332423   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 368817   | 20.92    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 83.68%  |
| 7) Chloroethane-d5             | 2.89   | 69    | 341504   | 26.06    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 104.24% |
| 10) 1,1-Dichloroethene-d2      | 4.02   | 63    | 562899   | 18.08    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 72.32%  |
| 20) 2-Butanone-d5              | 7.07   | 46    | 129632   | 28.22    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 56.44%  |
| 24) Chloroform-d               | 7.64   | 84    | 727776   | 24.56    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 98.24%  |
| 26) 1,2-Dichloroethane-d4      | 8.30   | 65    | 358855m  | 23.10    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 92.40%  |
| 29) Benzene-d6                 | 8.27   | 84    | 1528478  | 26.84    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 107.36% |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 477972   | 27.28    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 109.12% |
| 37) Toluene-d8                 | 10.32  | 98    | 1302305  | 25.29    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 101.16% |
| 38) trans-1,3-Dichloropropene- | 10.57  | 79    | 156135   | 21.24    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 84.96%  |
| 39) 2-Hexanone-d5              | 10.92  | 63    | 103097   | 29.59    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 59.18%  |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 300468   | 21.04    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 84.16%  |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 333731   | 26.27    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 105.08% |

Target Compounds Ovalue

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

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