

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070620\  
 Data File : VW015784.D  
 Acq On : 06 Jul 2020 13:22  
 Operator : SY/VA  
 Sample : L3131-06  
 Misc : 5.02G/10ML/MSVOA W/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VHBLK01

Quant Time: Jul 07 00:36:52 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM062920S.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Jul 07 00:28:21 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 286043   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 265547   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 120199   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 99776    | 21.48    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 85.92%  |
| 7) Chloroethane-d5             | 2.89   | 69    | 87739    | 23.13    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 92.52%  |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 144497   | 17.52    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 70.08%  |
| 20) 2-Butanone-d5              | 7.09   | 46    | 58309    | 59.51    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 119.02% |
| 24) Chloroform-d               | 7.65   | 84    | 195784   | 24.55    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 98.20%  |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 117072   | 25.81    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 103.24% |
| 29) Benzene-d6                 | 8.27   | 84    | 379136   | 23.95    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 95.80%  |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 115340   | 24.61    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 98.44%  |
| 37) Toluene-d8                 | 10.32  | 98    | 344772   | 23.40    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 93.60%  |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 48752    | 23.48    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 93.92%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 42509    | 55.65    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 111.30% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 96595    | 26.87    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 107.48% |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 117029   | 25.11    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 100.44% |

| Target Compounds       |      |    |      |            | Ovalue |
|------------------------|------|----|------|------------|--------|
| 16) Methylene chloride | 4.92 | 84 | 8417 | 2.005 ug/L | 94     |

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

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