

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111820\  
 Data File : VW017337.D  
 Acq On : 18 Nov 2020 19:05  
 Operator : SY/VA  
 Sample : L4739-01  
 Misc : 5.23G/10ML/MSVOA W/SOIL  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 GB0Z0

Manual Integrations  
 APPROVED

MMDadoda  
 11/20/2020 12:26:24 PM

Quant Time: Nov 19 05:41:39 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM111820S.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Nov 19 05:03:18 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.85  | 114  | 387129   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 352889   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 167984   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.36   | 65    | 133350   | 23.27    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 93.08%  |
| 7) Chloroethane-d5             | 2.90   | 69    | 106001   | 23.28    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 93.12%  |
| 10) 1,1-Dichloroethene-d2      | 4.02   | 63    | 169960   | 16.95    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 67.80%  |
| 20) 2-Butanone-d5              | 7.08   | 46    | 55096    | 58.54    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 117.08% |
| 24) Chloroform-d               | 7.65   | 84    | 231922   | 22.80    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 91.20%  |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 123015   | 25.03    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 100.12% |
| 29) Benzene-d6                 | 8.28   | 84    | 455907   | 22.92    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 91.68%  |
| 33) 1,2-Dichloropropane-d6     | 9.28   | 67    | 125466   | 23.67    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 94.68%  |
| 37) Toluene-d8                 | 10.33  | 98    | 423033   | 22.59    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 90.36%  |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 55001    | 23.84    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 95.36%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 43790    | 61.62    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 123.24% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 112994   | 28.14    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 112.56% |
| 61) 1,2-Dichlorobenzene-d4     | 13.86  | 152   | 149207   | 24.06    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 96.24%  |

## Target Compounds

|                        |      |    |       |             | Ovalue |
|------------------------|------|----|-------|-------------|--------|
| 13) Acetone            | 4.12 | 43 | 68368 | 99.556 ug/L | 98     |
| 15) Methyl Acetate     | 4.69 | 43 | 3997m | 2.658 ug/L  |        |
| 16) Methylene chloride | 4.92 | 84 | 9757  | 1.473 ug/L  | 99     |
| 21) 2-Butanone         | 7.18 | 43 | 6833  | 6.491 ug/L  | 86     |

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

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