

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111720\  
 Data File : VW017277.D  
 Acq On : 17 Nov 2020 11:39  
 Operator : SY/VA  
 Sample : L4739-14RE  
 Misc : 6.90G/10ML/MSVOA W/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 GB101RE

Manual Integrations  
 APPROVED

MMDadoda  
 11/19/2020 11:09:04 AM

Quant Time: Nov 18 03:02:43 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM110420S.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Nov 18 02:13:37 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.85  | 114  | 322542   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 209221   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 47017    | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 84355    | 20.76    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 83.04%   |
| 7) Chloroethane-d5             | 2.89   | 69    | 75774    | 24.20    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 96.80%   |
| 10) 1,1-Dichloroethene-d2      | 4.02   | 63    | 123098   | 16.94    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 67.76%   |
| 20) 2-Butanone-d5              | 7.08   | 46    | 52047    | 57.29    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 114.58%  |
| 24) Chloroform-d               | 7.65   | 84    | 183185   | 24.33    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 97.32%   |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 99918m   | 26.69    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 106.76%  |
| 29) Benzene-d6                 | 8.28   | 84    | 332566   | 31.21    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 124.84%  |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 91901    | 31.18    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 124.72%# |
| 37) Toluene-d8                 | 10.33  | 98    | 266089   | 26.49    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 105.96%  |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 35167    | 26.47    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 105.88%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 32643    | 63.47    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 126.94%  |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 55273    | 21.53    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 86.12%   |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 34466    | 20.81    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 83.24%   |

| Target Compounds       |       |    |       |             | Ovalue |
|------------------------|-------|----|-------|-------------|--------|
| 13) Acetone            | 4.13  | 43 | 18829 | 30.953 ug/L | 94     |
| 16) Methylene chloride | 4.92  | 84 | 8906  | 2.048 ug/L  | 96     |
| 35) Trichloroethene    | 9.09  | 95 | 2773  | 0.901 ug/L  | 96     |
| 44) Toluene            | 10.39 | 91 | 3822  | 0.316 ug/L  | 89     |

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

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