

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW021621\  
 Data File : VW018161.D  
 Acq On : 16 Feb 2021 14:39  
 Operator : SY/VA  
 Sample : M1414-04MSD  
 Misc : 6.09G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 DBG7MSD

Quant Time: Feb 17 01:06:01 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SOM2WLM012921S.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Feb 17 01:02:43 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.842  | 114   | 454049   | 25.00    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.628 | 117   | 402702   | 25.00    | ug/L   | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 13.560 | 152   | 194875   | 25.00    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.355  | 65    | 71770    | 12.72    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 50.88%   |
| 7) Chloroethane-d5            | 2.898  | 69    | 68227    | 15.23    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 60.92%   |
| 10) 1,1-Dichloroethene-d2     | 4.031  | 63    | 186526   | 16.53    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 66.12%   |
| 20) 2-Butanone-d5             | 7.080  | 46    | 43937    | 29.18    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 58.36%   |
| 24) Chloroform-d              | 7.647  | 84    | 228736   | 19.20    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 76.80%   |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 114276   | 18.01    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 72.04%   |
| 29) Benzene-d6                | 8.275  | 84    | 433733   | 19.61    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 78.44%   |
| 33) 1,2-Dichloropropane-d6    | 9.274  | 67    | 126516   | 20.46    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 81.84%   |
| 37) Toluene-d8                | 10.323 | 98    | 400845   | 19.05    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 76.20%   |
| 38) trans-1,3-Dichloroprop... | 10.579 | 79    | 46761    | 16.68    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 66.72%   |
| 39) 2-Hexanone-d5             | 10.920 | 63    | 36942    | 31.24    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 62.48%   |
| 48) 1,1,2,2-Tetrachloroeth... | 12.688 | 84    | 98676    | 18.16    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 72.64%   |
| 61) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 152966   | 22.00    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 88.00%   |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 12) 1,1-Dichloroethene        | 4.050  | 96    | 121882   | 20.09    | ug/L   | 90       |
| 13) Acetone                   | 4.123  | 43    | 3313     | 2.97     | ug/L   | 67       |
| 16) Methylene chloride        | 4.928  | 84    | 7670     | 1.05     | ug/L   | 80       |
| 34) Benzene                   | 8.323  | 78    | 536731   | 22.80    | ug/L   | 100      |
| 35) Trichloroethene           | 9.092  | 95    | 147290   | 22.21    | ug/L   | 100      |
| 44) Toluene                   | 10.390 | 91    | 584193   | 22.55    | ug/L   | 98       |
| 52) Chlorobenzene             | 11.658 | 112   | 369957   | 21.68    | ug/L   | 100      |
| -----                         |        |       |          |          |        |          |

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

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