

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011421\  
 Data File : VW017885.D  
 Acq On : 14 Jan 2021 17:15  
 Operator : SY/VA  
 Sample : M1132-14  
 Misc : 5.49G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 F1A11

Manual Integrations  
 APPROVED

MMDadoda  
 1/15/2021 6:29:14 PM

Quant Time: Jan 15 00:25:56 2021  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM122420S.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Jan 14 21:44:45 2021  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 307436   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 260050   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 94404    | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 112673   | 23.69    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 94.76%  |
| 7) Chloroethane-d5             | 2.89   | 69    | 93845    | 23.90    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 95.60%  |
| 10) 1,1-Dichloroethene-d2      | 4.02   | 63    | 147305   | 17.77    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 71.08%  |
| 20) 2-Butanone-d5              | 7.08   | 46    | 46524    | 60.34    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 120.68% |
| 24) Chloroform-d               | 7.65   | 84    | 199754   | 24.86    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 99.44%  |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 115403   | 27.75    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 111.00% |
| 29) Benzene-d6                 | 8.27   | 84    | 381118   | 26.02    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 104.08% |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 112692   | 27.91    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 111.64% |
| 37) Toluene-d8                 | 10.32  | 98    | 339273   | 24.12    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 96.48%  |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 41055    | 22.81    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 91.24%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 31344    | 61.81    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 123.62% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 84658    | 28.24    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 112.96% |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 80267    | 24.42    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 97.68%  |

| Target Compounds       |      |    |        |            | Ovalue |
|------------------------|------|----|--------|------------|--------|
| 13) Acetone            | 4.13 | 43 | 3862   | 5.801 ug/L | 73     |
| 16) Methylene chloride | 4.93 | 84 | 20128m | 4.578 ug/L |        |

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

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