

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090620\  
 Data File : VW016477.D  
 Acq On : 06 Sep 2020 12:16  
 Operator : SY/VA  
 Sample : L3927-08  
 Misc : 6.60G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Sep 07 04:52:22 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM090320S.M  
 Quant Title : VOC Analysis  
 QLast Update : Mon Sep 07 04:50:36 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.85  | 114  | 712399   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 610378   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 270096   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.36   | 65    | 223645   | 29.59    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 118.36% |
| 7) Chloroethane-d5             | 2.90   | 69    | 187498   | 27.63    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 110.52% |
| 10) 1,1-Dichloroethene-d2      | 4.03   | 63    | 334474   | 19.25    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 77.00%  |
| 20) 2-Butanone-d5              | 7.08   | 46    | 87316    | 32.35    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 64.70%  |
| 24) Chloroform-d               | 7.65   | 84    | 417849   | 25.04    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 100.16% |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 215647   | 23.63    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 94.52%  |
| 29) Benzene-d6                 | 8.28   | 84    | 850432   | 27.41    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 109.64% |
| 33) 1,2-Dichloropropane-d6     | 9.28   | 67    | 235439   | 25.83    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 103.32% |
| 37) Toluene-d8                 | 10.33  | 98    | 809738   | 27.45    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 109.80% |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 111545   | 24.25    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 97.00%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 75360    | 40.45    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 80.90%  |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 170357   | 22.10    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 88.40%  |
| 61) 1,2-Dichlorobenzene-d4     | 13.86  | 152   | 248297   | 26.60    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 106.40% |

| Target Compounds | Ovalue |
|------------------|--------|
| -----            |        |

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

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