

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090920\  
 Data File : VW016495.D  
 Acq On : 09 Sep 2020 10:23  
 Operator : SY/VA  
 Sample : VW0909SBL01  
 Misc : 5.00G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VBLK15

Quant Time: Sep 10 05:16:13 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM090320S.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Sep 10 05:09:14 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.85  | 114  | 636994   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 572030   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 255422   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.36   | 65    | 146091   | 21.62    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 86.48%  |
| 7) Chloroethane-d5             | 2.90   | 69    | 150207   | 24.75    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 99.00%  |
| 10) 1,1-Dichloroethene-d2      | 4.03   | 63    | 253265   | 16.30    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 65.20%  |
| 20) 2-Butanone-d5              | 7.09   | 46    | 82681    | 34.26    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 68.52%  |
| 24) Chloroform-d               | 7.65   | 84    | 351484   | 23.56    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 94.24%  |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 183627   | 22.51    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 90.04%  |
| 29) Benzene-d6                 | 8.28   | 84    | 703707   | 24.20    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 96.80%  |
| 33) 1,2-Dichloropropane-d6     | 9.28   | 67    | 195948   | 22.94    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 91.76%  |
| 37) Toluene-d8                 | 10.32  | 98    | 684359   | 24.76    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 99.04%  |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 93463    | 21.68    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 86.72%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 68303    | 39.12    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 78.24%  |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 156812   | 21.70    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 86.80%  |
| 61) 1,2-Dichlorobenzene-d4     | 13.86  | 152   | 223777   | 25.35    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 101.40% |

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

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

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