

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081618\  
 Data File : VW004693.D  
 Acq On : 15 Aug 2018 12:33  
 Operator : SY/AP  
 Sample : J4450-15  
 Misc : 5.61G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 GAB12

Quant Time: Aug 16 02:40:16 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM081418S.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Aug 16 02:39:24 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.85  | 114  | 875083   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 874338   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.57 | 152  | 354213   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.36   | 65    | 302069   | 21.72    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 86.88%  |
| 7) Chloroethane-d5             | 2.89   | 69    | 241772   | 22.48    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 89.92%  |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 434475   | 17.08    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 68.32%  |
| 20) 2-Butanone-d5              | 7.09   | 46    | 211249   | 56.13    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 112.26% |
| 24) Chloroform-d               | 7.65   | 84    | 564947   | 24.09    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 96.36%  |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 331212   | 26.66    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 106.64% |
| 29) Benzene-d6                 | 8.28   | 84    | 1132201  | 23.09    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 92.36%  |
| 33) 1,2-Dichloropropane-d6     | 9.28   | 67    | 369054   | 24.23    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 96.92%  |
| 37) Toluene-d8                 | 10.33  | 98    | 986741   | 22.43    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 89.72%  |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 151177   | 24.45    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 97.80%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 189048   | 62.11    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 124.22% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.70  | 84    | 382080   | 26.74    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 106.96% |
| 61) 1,2-Dichlorobenzene-d4     | 13.86  | 152   | 350111   | 26.05    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 104.20% |

| Target Compounds      |       |     |        |       |      | Ovalue |
|-----------------------|-------|-----|--------|-------|------|--------|
| 13) Acetone           | 4.14  | 43  | 59114  | 17.12 | ug/L | 97     |
| 47) Tetrachloroethene | 10.87 | 164 | 564351 | 48.57 | ug/L | 100    |

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

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