

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081818\  
 Data File : VW004732.D  
 Acq On : 16 Aug 2018 17:26  
 Operator : SY/AP  
 Sample : J4450-20  
 Misc : 5.00G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VHBLK01

Quant Time: Aug 16 18:27:07 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  | 799153   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 826903   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.57 | 152  | 365327   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.36   | 65    | 265384   | 20.89    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 83.56%  |
| 7) Chloroethane-d5             | 2.89   | 69    | 196740   | 20.03    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 80.12%  |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 366329   | 15.77    | ug/L | -0.01   |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 63.08%  |
| 20) 2-Butanone-d5              | 7.08   | 46    | 204918   | 59.62    | ug/L | -0.01   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 119.24% |
| 24) Chloroform-d               | 7.65   | 84    | 480967   | 22.46    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 89.84%  |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 272474   | 24.01    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 96.04%  |
| 29) Benzene-d6                 | 8.27   | 84    | 961415   | 20.73    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 82.92%  |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 311483   | 21.62    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 86.48%  |
| 37) Toluene-d8                 | 10.33  | 98    | 836895   | 20.11    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 80.44%  |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 121581   | 20.79    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 83.16%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 152048   | 52.82    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 105.64% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 325905   | 24.12    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 96.48%  |
| 61) 1,2-Dichlorobenzene-d4     | 13.86  | 152   | 333268   | 24.05    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 96.20%  |

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

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

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