

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080219\  
 Data File : VW011625.D  
 Acq On : 02 Aug 2019 16:09  
 Operator : SY/VA  
 Sample : K4116-18  
 Misc : 5.47G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 JLLF0

Quant Time: Aug 03 03:37:11 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM073019S.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Aug 03 02:22:50 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 336641   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 295364   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 130648   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 97647    | 20.60    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 82.40% |
| 7) Chloroethane-d5             | 2.89   | 69    | 74399    | 21.79    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 87.16% |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 171851   | 15.81    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 63.24% |
| 20) 2-Butanone-d5              | 7.07   | 46    | 61434    | 28.78    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 57.56% |
| 24) Chloroform-d               | 7.65   | 84    | 200108   | 21.64    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 86.56% |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 111913   | 20.45    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 81.80% |
| 29) Benzene-d6                 | 8.27   | 84    | 414023   | 22.29    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 89.16% |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 132720   | 22.14    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 88.56% |
| 37) Toluene-d8                 | 10.32  | 98    | 357653   | 21.70    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 86.80% |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 47055    | 17.91    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 71.64% |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 40649    | 29.02    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 58.04% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 85858    | 17.24    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 68.96% |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 110065   | 21.86    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 87.44% |

| Target Compounds |      |    |      |            | Ovalue |
|------------------|------|----|------|------------|--------|
| 13) Acetone      | 4.13 | 43 | 3372 | 1.475 ug/L | 95     |

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080219\  
Data File : VW011625.D  
Acq On : 02 Aug 2019 16:09  
Operator : SY/VA  
Sample : K4116-18  
Misc : 5.47G/10ML/MSVOA W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
JLLF0

Quant Time: Aug 03 03:37:11 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM073019S.M  
Quant Title : VOC Analysis  
QLast Update : Sat Aug 03 02:22:50 2019  
Response via : Initial Calibration

