

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW110119\  
 Data File : VW013905.D  
 Acq On : 01 Nov 2019 18:03  
 Operator : SY/VA  
 Sample : K5552-08  
 Misc : 5.02G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VHBLK01

Quant Time: Nov 02 00:27:42 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM110119S.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Nov 02 00:12:22 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 286869   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 289579   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 162089   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 105413   | 23.62    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 94.48% |
| 7) Chloroethane-d5             | 2.89   | 69    | 82277    | 23.07    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 92.28% |
| 10) 1,1-Dichloroethene-d2      | 4.02   | 63    | 155037   | 17.05    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 68.20% |
| 20) 2-Butanone-d5              | 7.07   | 46    | 77945    | 48.53    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 97.06% |
| 24) Chloroform-d               | 7.65   | 84    | 213962   | 23.67    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 94.68% |
| 26) 1,2-Dichloroethane-d4      | 8.30   | 65    | 119565   | 24.58    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 98.32% |
| 29) Benzene-d6                 | 8.27   | 84    | 459333   | 23.68    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 94.72% |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 137174   | 23.36    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 93.44% |
| 37) Toluene-d8                 | 10.32  | 98    | 428493   | 23.28    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 93.12% |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 60248    | 22.47    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 89.88% |
| 39) 2-Hexanone-d5              | 10.92  | 63    | 64262    | 48.17    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 96.34% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 122929   | 23.67    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 94.68% |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 156290   | 24.37    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 97.48% |

| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

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