

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD013019\  
 Data File : VD060805.D  
 Acq On : 30 Jan 2019 15:00  
 Operator : VA/AP  
 Sample : K1282-09RE  
 Misc : 4.99g/5ml/MSVOA D/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 TP-3RE

Quant Time: Jan 31 05:01:53 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D012819S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jan 29 13:53:55 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 6.81  | 168  | 9500     | 50.00 | ug/l  | 0.02     |
| 34) 1,4-Difluorobenzene    | 8.00  | 114  | 12058    | 50.00 | ug/l  | 0.03     |
| 63) Chlorobenzene-d5       | 12.17 | 117  | 9376     | 50.00 | ug/l  | 0.01     |
| 72) 1,4-Dichlorobenzene-d4 | 14.32 | 152  | 2172     | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 7.23  | 65   | 9884     | 67.86 | ug/l    | 0.01     |
| Spiked Amount               |       |      | Recovery | =     | 135.72% |          |
| 35) Dibromofluoromethane    | 6.69  | 113  | 4955     | 42.85 | ug/l    | 0.02     |
| Spiked Amount               |       |      | Recovery | =     | 85.70%  |          |
| 50) Toluene-d8              | 10.20 | 98   | 10031    | 37.15 | ug/l    | 0.01     |
| Spiked Amount               |       |      | Recovery | =     | 74.30%  |          |
| 62) 4-Bromofluorobenzene    | 13.36 | 95   | 2952     | 21.75 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 43.50%  |          |

| Target Compounds               | R.T.  | QIon | Response | Conc    | Units  | Qvalue |
|--------------------------------|-------|------|----------|---------|--------|--------|
| 3) Chloromethane               | 1.78  | 50   | 434      | 6.276   | ug/l # | 43     |
| 10) Methyl Iodide              | 3.28  | 142  | 1019     | 13.291  | ug/l # | 20     |
| 13) Acrolein                   | 3.01  | 56   | 247      | 84.143  | ug/l   | 99     |
| 14) Allyl chloride             | 3.52  | 41   | 1380     | 11.850  | ug/l # | 81     |
| 16) Acetone                    | 3.14  | 43   | 1981     | 94.173  | ug/l # | 59     |
| 18) Methyl Acetate             | 3.52  | 43   | 657      | 15.755  | ug/l # | 63     |
| 23) Vinyl Acetate              | 4.70  | 43   | 190      | 1.099   | ug/l # | 82     |
| 25) 2-Butanone                 | 5.87  | 43   | 389      | 14.448  | ug/l # | 59     |
| 36) 1,1-Dichloropropene        | 6.83  | 75   | 207      | 1.438   | ug/l # | 47     |
| 37) Ethyl Acetate              | 5.87  | 43   | 389      | 6.053   | ug/l # | 68     |
| 38) Carbon Tetrachloride       | 6.81  | 117  | 262      | 1.451   | ug/l # | 13     |
| 43) Isopropyl Acetate          | 9.08  | 43   | 213      | 2.541   | ug/l # | 45     |
| 59) 2-Hexanone                 | 11.37 | 43   | 259      | 6.346   | ug/l # | 27     |
| 74) N-amyl acetate             | 12.79 | 43   | 179      | 3.362   | ug/l # | 52     |
| 79) 2-Chlorotoluene            | 13.58 | 91   | 194      | 1.463   | ug/l # | 45     |
| 81) trans-1,4-Dichloro-2-buten | 13.36 | 75   | 1337     | 128.758 | ug/l # | 1      |
| 82) 4-Chlorotoluene            | 13.75 | 91   | 456      | 3.094   | ug/l # | 47     |
| 87) 1,3-Dichlorobenzene        | 14.27 | 146  | 341      | 4.283   | ug/l   | 81     |
| 88) 1,4-Dichlorobenzene        | 14.34 | 146  | 589      | 7.613   | ug/l # | 25     |
| 93) 1,2,4-Trichlorobenzene     | 15.75 | 180  | 230      | 4.019   | ug/l # | 83     |
| 95) Naphthalene                | 15.94 | 128  | 843      | 9.588   | ug/l # | 69     |
| 96) 1,2,3-Trichlorobenzene     | 16.09 | 180  | 222      | 4.461   | ug/l # | 12     |

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

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