

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082119\  
 Data File : VD063714.D  
 Acq On : 21 Aug 2019 15:47  
 Operator : JC/SY  
 Sample : K4386-16  
 Misc : 5.95µl/5ml/MSVOA D/SOIL  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 T6-A1-(2)

Quant Time: Aug 22 09:17:40 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D080919S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Aug 10 06:42:47 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.04  | 168  | 48308    | 50.00 | ug/l  | -0.02    |
| 34) 1,4-Difluorobenzene    | 8.22  | 114  | 82830    | 50.00 | ug/l  | -0.02    |
| 63) Chlorobenzene-d5       | 12.37 | 117  | 70012    | 50.00 | ug/l  | -0.01    |
| 72) 1,4-Dichlorobenzene-d4 | 14.52 | 152  | 31295    | 50.00 | ug/l  | -0.01    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 7.45  | 65   | 57392    | 111.14 | ug/l    | -0.02    |
| Spiked Amount               |       |      | Recovery | =      | 222.28% |          |
| 35) Dibromofluoromethane    | 6.93  | 113  | 47798    | 68.52  | ug/l    | -0.01    |
| Spiked Amount               |       |      | Recovery | =      | 137.04% |          |
| 50) Toluene-d8              | 10.41 | 98   | 66174    | 43.15  | ug/l    | -0.01    |
| Spiked Amount               |       |      | Recovery | =      | 86.30%  |          |
| 62) 4-Bromofluorobenzene    | 13.55 | 95   | 31537    | 45.37  | ug/l    | -0.01    |
| Spiked Amount               |       |      | Recovery | =      | 90.74%  |          |

| Target Compounds               | R.T.  | QIon | Response | Conc    | Units  | Qvalue |
|--------------------------------|-------|------|----------|---------|--------|--------|
| 3) Chloromethane               | 1.73  | 50   | 489      | 1.071   | ug/l # | 41     |
| 5) Bromomethane                | 2.18  | 94   | 4812     | 22.497  | ug/l # | 11     |
| 8) Diethyl Ether               | 2.87  | 74   | 223      | 1.776   | ug/l   | 57     |
| 11) Tert butyl alcohol         | 4.11  | 59   | 185      | 8.230   | ug/l # | 71     |
| 13) Acrolein                   | 2.95  | 56   | 199      | 8.994   | ug/l # | 1      |
| 16) Acetone                    | 3.23  | 43   | 25229    | 240.347 | ug/l # | 89     |
| 18) Methyl Acetate             | 3.64  | 43   | 215      | 1.081   | ug/l # | 57     |
| 20) Methylene Chloride         | 3.82  | 84   | 3907     | 8.608   | ug/l # | 75     |
| 25) 2-Butanone                 | 6.09  | 43   | 405      | 3.907   | ug/l # | 58     |
| 29) Tetrahydrofuran            | 6.46  | 42   | 3052     | 63.178  | ug/l # | 50     |
| 36) 1,1-Dichloropropene        | 7.05  | 75   | 3070     | 4.193   | ug/l # | 67     |
| 38) Carbon Tetrachloride       | 7.06  | 117  | 4475     | 4.055   | ug/l # | 13     |
| 44) Trichloroethene            | 8.54  | 130  | 715      | 1.161   | ug/l   | 51     |
| 51) 4-Methyl-2-Pentanone       | 10.39 | 43   | 542      | 1.927   | ug/l # | 40     |
| 59) 2-Hexanone                 | 11.56 | 43   | 251      | 1.227   | ug/l # | 30     |
| 81) trans-1,4-Dichloro-2-buten | 13.55 | 75   | 12736    | 131.933 | ug/l # | 1      |
| 95) Naphthalene                | 16.12 | 128  | 1348     | 1.448   | ug/l # | 71     |

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

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