

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082219\  
 Data File : VD063745.D  
 Acq On : 22 Aug 2019 20:37  
 Operator : JC/SY  
 Sample : K4418-04RE  
 Misc : 5.10g/5ml/MSVOA D/SOIL  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 CFVP-228LRE

Quant Time: Aug 23 07:39:33 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      | 7.05  | 168  | 686653   | 50.00 | ug/l  | -0.02    |
| 34) 1,4-Difluorobenzene    | 8.22  | 114  | 966268   | 50.00 | ug/l  | -0.02    |
| 63) Chlorobenzene-d5       | 12.37 | 117  | 527107   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 14.52 | 152  | 133385   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 7.45  | 65   | 441905   | 60.21 | ug/l    | -0.02    |
| Spiked Amount               |       |      | Recovery | =     | 120.42% |          |
| 35) Dibromofluoromethane    | 6.92  | 113  | 516118   | 63.42 | ug/l    | -0.02    |
| Spiked Amount               |       |      | Recovery | =     | 126.84% |          |
| 50) Toluene-d8              | 10.41 | 98   | 926272   | 51.77 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 103.54% |          |
| 62) 4-Bromofluorobenzene    | 13.55 | 95   | 220055   | 27.14 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 54.28%  |          |

| Target Compounds           | R.T.  | QIon | Response | Conc    | Units  | Qvalue |
|----------------------------|-------|------|----------|---------|--------|--------|
| 16) Acetone                | 3.22  | 43   | 139152   | 93.263  | ug/l # | 85     |
| 25) 2-Butanone             | 6.07  | 43   | 37081    | 25.164  | ug/l   | 96     |
| 31) Cyclohexane            | 6.95  | 56   | 20412    | 3.080   | ug/l # | 82     |
| 39) Methylcyclohexane      | 8.87  | 83   | 58510    | 8.055   | ug/l   | 98     |
| 40) Benzene                | 7.45  | 78   | 459964   | 24.469  | ug/l   | 95     |
| 52) Toluene                | 10.51 | 92   | 212903   | 17.584  | ug/l   | 99     |
| 67) Ethyl Benzene          | 12.52 | 91   | 226208   | 13.169  | ug/l   | 98     |
| 68) m/p-Xylenes            | 12.66 | 106  | 415110   | 68.783  | ug/l   | 97     |
| 69) o-Xylene               | 13.05 | 106  | 302715   | 52.116  | ug/l   | 99     |
| 73) Isopropylbenzene       | 13.40 | 105  | 121284   | 14.296  | ug/l   | 94     |
| 78) n-propylbenzene        | 13.77 | 91   | 186910   | 18.829  | ug/l   | 94     |
| 80) 1,3,5-Trimethylbenzene | 13.94 | 105  | 826382   | 111.480 | ug/l   | 99     |
| 84) 1,2,4-Trimethylbenzene | 14.24 | 105  | 2448310  | 356.958 | ug/l   | 95     |
| 85) sec-Butylbenzene       | 14.37 | 105  | 109112   | 13.162  | ug/l   | 97     |
| 86) p-Isopropyltoluene     | 14.49 | 119  | 252153   | 31.812  | ug/l   | 97     |
| 95) Naphthalene            | 16.12 | 128  | 149321   | 37.630  | ug/l   | 95     |

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

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