

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD010621\  
 Data File : VD068014.D  
 Acq On : 06 Jan 2021 15:28  
 Operator : VA/SY  
 Sample : M1020-01  
 Misc : 6.96G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 356

Quant Time: Jan 07 00:10:34 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D122220S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Dec 23 07:34:16 2020  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 7.985  | 168   | 341568   | 50.00    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.867  | 114   | 681704   | 50.00    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.650 | 117   | 617142   | 50.00    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.579 | 152   | 258100   | 50.00    | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.332  | 65    | 220424   | 59.76    | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =      | 119.52%  |
| 35) Dibromofluoromethane    | 7.914  | 113   | 216110   | 50.31    | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =      | 100.62%  |
| 50) Toluene-d8              | 10.344 | 98    | 844308   | 52.30    | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =      | 104.60%  |
| 62) 4-Bromofluorobenzene    | 12.632 | 95    | 277648   | 50.27    | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =      | 100.54%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 4.162  | 43    | 138533   | 196.72   | ug/l   | 95       |
| 39) Methylcyclohexane       | 9.361  | 83    | 39930    | 4.81     | ug/l   | 93       |
| 52) Toluene                 | 10.408 | 92    | 792505   | 61.08    | ug/l   | 100      |
| 67) Ethyl Benzene           | 11.744 | 91    | 99791    | 4.20     | ug/l   | 100      |
| 68) m/p-Xylenes             | 11.850 | 106   | 142063   | 15.70    | ug/l   | 98       |
| 69) o-Xylene                | 12.185 | 106   | 32729    | 4.04     | ug/l   | 88       |
| 84) 1,2,4-Trimethylbenzene  | 13.267 | 105   | 21610    | 1.35     | ug/l   | 99       |
| -----                       |        |       |          |          |        |          |

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

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