

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062318\  
 Data File : VD058343.D  
 Acq On : 23 Jun 2018 16:18  
 Operator : VA/AP  
 Sample : J3664-18  
 Misc : 5.84g/5ml/MSVOA D/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 WP021SB485-31-33-180619

Quant Time: Jun 25 03:23:44 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D061918S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 20 05:52:56 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 1) Pentafluorobenzene       | 5.66  | 168  | 889482   | 50.00 | ug/l   | 0.02     |
| 34) 1,4-Difluorobenzene     | 6.71  | 114  | 1184628  | 50.00 | ug/l   | 0.02     |
| 63) Chlorobenzene-d5        | 10.70 | 117  | 938310   | 50.00 | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.91 | 152  | 459296   | 50.00 | ug/l   | 0.00     |
| System Monitoring Compounds |       |      |          |       |        |          |
| 33) 1,2-Dichloroethane-d4   | 6.04  | 65   | 309684   | 34.47 | ug/l   | 0.03     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 68.94% |          |
| 35) Dibromofluoromethane    | 5.57  | 113  | 331302   | 34.36 | ug/l   | 0.02     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 68.72% |          |
| 50) Toluene-d8              | 8.72  | 98   | 780683   | 33.47 | ug/l   | 0.01     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 66.94% |          |
| 62) 4-Bromofluorobenzene    | 11.94 | 95   | 334404   | 35.09 | ug/l   | 0.01     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 70.18% |          |
| Target Compounds            |       |      |          |       |        |          |
| 16) Acetone                 | 2.63  | 43   | 20015    | 16.29 | ug/l   | # 75     |
| 27) cis-1,2-Dichloroethene  | 4.83  | 96   | 84144    | 10.08 | ug/l   | 84       |
| 65) Chlorobenzene           | 10.73 | 112  | 119740   | 6.82  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene     | 12.93 | 146  | 41936    | 3.00  | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene     | 13.20 | 146  | 38251    | 3.14  | ug/l   | 95       |

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

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