

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_N\DATA\VN092318\  
 Data File : VN051418.D  
 Acq On : 23 Sep 2018 17:15  
 Operator : MD\SY  
 Sample : J5021-12  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 LS-SOIL-C

Quant Time: Sep 24 07:44:12 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N092318W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Sep 24 06:41:32 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 1) Pentafluorobenzene       | 7.67  | 168  | 657793   | 50.00  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.59  | 114  | 1012756  | 50.00  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 11.41 | 117  | 863704   | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.34 | 152  | 338891   | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4   | 8.03  | 65   | 445228   | 54.03  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 108.06% |          |
| 35) Dibromofluoromethane    | 7.59  | 113  | 393641   | 48.61  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 97.22%  |          |
| 50) Toluene-d8              | 10.09 | 98   | 1420279  | 46.57  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 93.14%  |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 399807   | 40.53  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 81.06%  |          |
| Target Compounds            |       |      |          |        |         |          |
| 18) Methyl Acetate          | 4.33  | 43   | 11259    | 1.794  | ug/l    | 99       |
| 20) Methylene Chloride      | 4.55  | 84   | 39679    | 4.866  | ug/l    | 98       |
| 30) Chloroform              | 7.37  | 83   | 21557    | 1.536  | ug/l    | 88       |
| 43) Isopropyl Acetate       | 8.17  | 43   | 247339   | 20.285 | ug/l    | 94       |
| 95) Naphthalene             | 15.13 | 128  | 56552    | 11.810 | ug/l    | 98       |

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

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