

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY092019\  
 Data File : VY000119.D  
 Acq On : 20 Sep 2019 19:34  
 Operator : SY/MD  
 Sample : K4938-04  
 Misc : 5.09g/5.00ml/MSVOA Y/SOIL  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 MG-WEST-SOIL

Quant Time: Sep 21 01:02:39 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y091719S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Sep 19 05:38:39 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc    | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|---------|---------|----------|
| 1) Pentafluorobenzene       | 7.80  | 168  | 73681    | 50.00   | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.69  | 114  | 158319   | 50.00   | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 11.49 | 117  | 133972   | 50.00   | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.42 | 152  | 48982    | 50.00   | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |         |         |          |
| 33) 1,2-Dichloroethane-d4   | 8.15  | 65   | 45918    | 54.17   | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =       | 108.34% |          |
| 35) Dibromofluoromethane    | 7.73  | 113  | 44420    | 46.34   | ug/l    | 0.01     |
| Spiked Amount 50.000        |       |      | Recovery | =       | 92.68%  |          |
| 50) Toluene-d8              | 10.18 | 98   | 191078   | 50.75   | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =       | 101.50% |          |
| 62) 4-Bromofluorobenzene    | 12.48 | 95   | 58495    | 41.85   | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =       | 83.70%  |          |
| Target Compounds            |       |      |          |         |         |          |
| 20) Methylene Chloride      | 4.72  | 84   | 9333     | 10.052  | ug/l #  | 82       |
| 29) Tetrahydrofuran         | 7.35  | 42   | 73218    | 341.163 | ug/l    | 99       |

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

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