

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090519\  
 Data File : VW012661.D  
 Acq On : 06 Sep 2019 00:56  
 Operator : SY/VA  
 Sample : K4579-02  
 Misc : 4.54G/5ML/MSVOA W/SOIL  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 PAR-12-A1-(0)

Quant Time: Sep 06 08:36:21 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W082319S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Aug 26 07:18:31 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc    | Units   | Dev(Min)   |
|-----------------------------|-------|------|----------|---------|---------|------------|
| 1) Pentafluorobenzene       | 7.95  | 168  | 238910   | 50.00   | ug/l    | 0.00       |
| 34) 1,4-Difluorobenzene     | 8.84  | 114  | 392534   | 50.00   | ug/l    | 0.00       |
| 63) Chlorobenzene-d5        | 11.63 | 117  | 352542   | 50.00   | ug/l    | 0.00       |
| 72) 1,4-Dichlorobenzene-d4  | 13.56 | 152  | 133865   | 50.00   | ug/l    | 0.00       |
| System Monitoring Compounds |       |      |          |         |         |            |
| 33) 1,2-Dichloroethane-d4   | 8.30  | 65   | 153885   | 54.18   | ug/l    | 0.00       |
| Spiked Amount 50.000        |       |      | Recovery | =       | 108.36% |            |
| 35) Dibromofluoromethane    | 7.88  | 113  | 116997   | 49.93   | ug/l    | 0.00       |
| Spiked Amount 50.000        |       |      | Recovery | =       | 99.86%  |            |
| 50) Toluene-d8              | 10.32 | 98   | 514782   | 54.19   | ug/l    | 0.00       |
| Spiked Amount 50.000        |       |      | Recovery | =       | 108.38% |            |
| 62) 4-Bromofluorobenzene    | 12.62 | 95   | 160658   | 47.97   | ug/l    | 0.00       |
| Spiked Amount 50.000        |       |      | Recovery | =       | 95.94%  |            |
| Target Compounds            |       |      |          |         |         |            |
| 16) Acetone                 | 4.14  | 43   | 104591   | 144.069 | ug/l    | Qvalue 100 |
| 17) Carbon Disulfide        | 4.37  | 76   | 9860     | 1.361   | ug/l #  | 94         |
| 20) Methylene Chloride      | 4.90  | 84   | 18375    | 6.695   | ug/l    | 93         |
| 25) 2-Butanone              | 7.18  | 43   | 10713    | 10.859  | ug/l    | 95         |
| 29) Tetrahydrofuran         | 7.53  | 42   | 5407     | 9.135   | ug/l #  | 71         |

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

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