

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082919\  
 Data File : VW012301.D  
 Acq On : 29 Aug 2019 14:20  
 Operator : SY/VA  
 Sample : K4595-05  
 Misc : 5.81G/5ML/MSVOA W/SOIL  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 S503-K2-9.5-10.0-082819

Quant Time: Aug 30 07:28:14 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  | 236969   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.84  | 114  | 390718   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.63 | 117  | 323398   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 135963   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.31  | 65   | 142366   | 50.54  | ug/l    | 0.00     |
| Spiked Amount               |       |      |          | 50.000 |         |          |
|                             |       |      | Recovery | =      | 101.08% |          |
| 35) Dibromofluoromethane    | 7.88  | 113  | 115334   | 49.45  | ug/l    | 0.00     |
| Spiked Amount               |       |      |          | 50.000 |         |          |
|                             |       |      | Recovery | =      | 98.90%  |          |
| 50) Toluene-d8              | 10.32 | 98   | 474483   | 50.18  | ug/l    | 0.00     |
| Spiked Amount               |       |      |          | 50.000 |         |          |
|                             |       |      | Recovery | =      | 100.36% |          |
| 62) 4-Bromofluorobenzene    | 12.62 | 95   | 155237   | 46.57  | ug/l    | 0.00     |
| Spiked Amount               |       |      |          | 50.000 |         |          |
|                             |       |      | Recovery | =      | 93.14%  |          |

| Target Compounds              | R.T.  | QIon | Response | Conc    | Units  | Qvalue |
|-------------------------------|-------|------|----------|---------|--------|--------|
| 9) 1,1,2-Trichlorotrifluoroet | 4.06  | 101  | 19625    | 8.310   | ug/l   | 100    |
| 12) 1,1-Dichloroethene        | 4.04  | 96   | 3153     | 1.327   | ug/l   | 90     |
| 16) Acetone                   | 4.14  | 43   | 64709    | 89.864  | ug/l   | 96     |
| 17) Carbon Disulfide          | 4.39  | 76   | 13586    | 1.891   | ug/l   | 99     |
| 20) Methylene Chloride        | 4.91  | 84   | 30895    | 11.349  | ug/l   | 95     |
| 21) trans-1,2-Dichloroethene  | 5.42  | 96   | 4062     | 1.594   | ug/l # | 83     |
| 27) cis-1,2-Dichloroethene    | 7.17  | 96   | 466974   | 171.477 | ug/l   | 92     |
| 29) Tetrahydrofuran           | 7.53  | 42   | 6040     | 10.289  | ug/l   | 98     |
| 44) Trichloroethene           | 9.09  | 130  | 580337   | 216.533 | ug/l   | 97     |
| 64) Tetrachloroethene         | 10.87 | 164  | 10921    | 5.209   | ug/l   | 89     |

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

