

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082919\  
 Data File : VW012300.D  
 Acq On : 29 Aug 2019 13:54  
 Operator : SY/VA  
 Sample : K4595-01  
 Misc : 6.39G/5ML/MSVOA W/SOIL  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 S502-K2-9.5-10.0-082819

Quant Time: Aug 30 07:24:05 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  | 234145   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.84  | 114  | 389318   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.63 | 117  | 324782   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 136755   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.30  | 65   | 143322   | 51.49 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 102.98% |          |
| 35) Dibromofluoromethane    | 7.88  | 113  | 116432   | 50.10 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 100.20% |          |
| 50) Toluene-d8              | 10.32 | 98   | 471132   | 50.00 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 100.00% |          |
| 62) 4-Bromofluorobenzene    | 12.61 | 95   | 154902   | 46.64 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 93.28%  |          |

| Target Compounds              | R.T.  | QIon | Response | Conc    | Units | Qvalue |
|-------------------------------|-------|------|----------|---------|-------|--------|
| 9) 1,1,2-Trichlorotrifluoroet | 4.07  | 101  | 40978    | 17.561  | ug/l  | 100    |
| 12) 1,1-Dichloroethene        | 4.04  | 96   | 3608     | 1.536   | ug/l  | 97     |
| 16) Acetone                   | 4.13  | 43   | 75372    | 105.934 | ug/l  | 99     |
| 17) Carbon Disulfide          | 4.38  | 76   | 14194    | 2.000   | ug/l  | 98     |
| 18) Methyl Acetate            | 4.68  | 43   | 8513     | 4.831   | ug/l  | 99     |
| 20) Methylene Chloride        | 4.92  | 84   | 31378    | 11.666  | ug/l  | 99     |
| 27) cis-1,2-Dichloroethene    | 7.16  | 96   | 52266    | 19.424  | ug/l  | 90     |
| 29) Tetrahydrofuran           | 7.54  | 42   | 5535     | 9.542   | ug/l  | 99     |
| 32) 1,1,1-Trichloroethane     | 7.87  | 97   | 8561     | 2.334   | ug/l  | 97     |
| 44) Trichloroethene           | 9.09  | 130  | 1341913  | 502.489 | ug/l  | 96     |
| 64) Tetrachloroethene         | 10.86 | 164  | 20860    | 9.907   | ug/l  | 97     |

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

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