

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090119\  
 Data File : VW012446.D  
 Acq On : 01 Sep 2019 14:23  
 Operator : SY/VA  
 Sample : K4517-08RE  
 Misc : 4.74G/5ML/MSVOA W/SOIL  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 T4-S-D2-(0)RE

Quant Time: Sep 02 07:18:26 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  | 7986     | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.84  | 114  | 11497    | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.64 | 117  | 7121     | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 1064     | 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   | 5081     | 53.52 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 107.04% |          |
| 35) Dibromofluoromethane    | 7.89  | 113  | 4297     | 62.61 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 125.22% |          |
| 50) Toluene-d8              | 10.32 | 98   | 12735    | 45.77 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 91.54%  |          |
| 62) 4-Bromofluorobenzene    | 12.62 | 95   | 1614     | 16.45 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 32.90%  |          |

| Target Compounds               | R.T.  | QIon | Response | Conc    | Units  | Qvalue |
|--------------------------------|-------|------|----------|---------|--------|--------|
| 3) Chloromethane               | 2.22  | 50   | 228      | 2.993   | ug/l   | 91     |
| 11) Tert butyl alcohol         | 5.18  | 59   | 44       | 7.702   | ug/l # | 71     |
| 13) Acrolein                   | 3.91  | 56   | 41       | 7.624   | ug/l # | 15     |
| 15) Acrylonitrile              | 5.33  | 53   | 44       | 1.997   | ug/l # | 53     |
| 16) Acetone                    | 4.12  | 43   | 2310     | 95.191  | ug/l   | 96     |
| 18) Methyl Acetate             | 4.63  | 43   | 64       | 1.065   | ug/l # | 74     |
| 20) Methylene Chloride         | 4.93  | 84   | 1190     | 12.972  | ug/l # | 56     |
| 25) 2-Butanone                 | 7.20  | 43   | 97       | 2.942   | ug/l # | 56     |
| 29) Tetrahydrofuran            | 7.54  | 42   | 290      | 14.658  | ug/l # | 55     |
| 31) Cyclohexane                | 7.95  | 56   | 305      | 1.784   | ug/l # | 15     |
| 36) 1,1-Dichloropropene        | 7.96  | 75   | 826      | 6.952   | ug/l # | 49     |
| 37) Ethyl Acetate              | 7.24  | 43   | 75       | 1.152   | ug/l # | 73     |
| 38) Carbon Tetrachloride       | 7.96  | 117  | 739      | 7.187   | ug/l # | 12     |
| 40) Benzene                    | 8.37  | 78   | 551      | 1.698   | ug/l # | 51     |
| 41) Methacrylonitrile          | 7.46  | 41   | 86       | 2.248   | ug/l # | 34     |
| 55) 1,1,2-Trichloroethane      | 10.71 | 97   | 145      | 2.638   | ug/l # | 14     |
| 74) N-amyl acetate             | 12.25 | 43   | 134      | 5.563   | ug/l # | 56     |
| 76) 1,2,3-Trichloropropane     | 12.62 | 75   | 950      | 91.676  | ug/l # | 100    |
| 81) trans-1,4-Dichloro-2-buten | 12.62 | 75   | 950      | 201.003 | ug/l # | 6      |
| 92) 1,2-Dibromo-3-Chloropropan | 14.68 | 75   | 20       | 8.117   | ug/l # | 5      |

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

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