

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021919\  
 Data File : VW008750.D  
 Acq On : 19 Feb 2019 17:53  
 Operator : SY/VA  
 Sample : K1349-11  
 Misc : 7.26G/5ML/MSVOA W/SOIL  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 OR-02-021919-B

Quant Time: Feb 20 07:19:06 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W021319S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Feb 14 04:06:50 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.95  | 168  | 360941   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.84  | 114  | 554612   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.63 | 117  | 470950   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 194891   | 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   | 198614   | 52.93 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 105.86% |          |
| 35) Dibromofluoromethane    | 7.88  | 113  | 174930   | 50.80 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 101.60% |          |
| 50) Toluene-d8              | 10.32 | 98   | 647344   | 48.76 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 97.52%  |          |
| 62) 4-Bromofluorobenzene    | 12.62 | 95   | 213791   | 42.75 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 85.50%  |          |

| Target Compounds           | R.T.  | QIon | Response | Conc   | Units | Qvalue |
|----------------------------|-------|------|----------|--------|-------|--------|
| 16) Acetone                | 4.11  | 43   | 44360    | 51.950 | ug/l  | 99     |
| 52) Toluene                | 10.38 | 92   | 430011   | 43.801 | ug/l  | 99     |
| 67) Ethyl Benzene          | 11.73 | 91   | 36159    | 2.000  | ug/l  | 94     |
| 68) m/p-Xylenes            | 11.83 | 106  | 57731    | 8.206  | ug/l  | 99     |
| 69) o-Xylene               | 12.16 | 106  | 35264    | 5.303  | ug/l  | 98     |
| 73) Isopropylbenzene       | 12.46 | 105  | 16954    | 1.168  | ug/l  | 98     |
| 78) n-propylbenzene        | 12.80 | 91   | 54801    | 3.177  | ug/l  | 100    |
| 80) 1,3,5-Trimethylbenzene | 12.94 | 105  | 91398    | 7.580  | ug/l  | 99     |
| 84) 1,2,4-Trimethylbenzene | 13.25 | 105  | 359347   | 28.995 | ug/l  | 99     |
| 85) sec-Butylbenzene       | 13.38 | 105  | 33139    | 2.174  | ug/l  | 87     |
| 86) p-Isopropyltoluene     | 13.50 | 119  | 22215    | 1.629  | ug/l  | 97     |
| 89) n-Butylbenzene         | 13.82 | 91   | 64672m   | 4.990  | ug/l  |        |
| 95) Naphthalene            | 15.37 | 128  | 737387   | 96.444 | ug/l  | 99     |

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

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