

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022819\  
 Data File : VW008884.D  
 Acq On : 28 Feb 2019 13:47  
 Operator : SY/VA  
 Sample : K1594-38RE  
 Misc : 6.73G/5ML/MSVOA W/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 B-8(7.5-8.5)RE

Manual Integrations  
 APPROVED

MMDadoda  
 3/1/2019 2:57:08 PM

Quant Time: Mar 07 15:58:56 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W022119S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Feb 22 00:38:32 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.   | QIon | Response  | Conc     | Units   | Dev(Min) |
|-----------------------------|--------|------|-----------|----------|---------|----------|
| 1) Pentafluorobenzene       | 7.95   | 168  | 398885    | 50.00    | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.84   | 114  | 749643    | 50.00    | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 11.63  | 117  | 738559    | 50.00    | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.56  | 152  | 349535    | 50.00    | ug/l    | 0.00     |
| System Monitoring Compounds |        |      |           |          |         |          |
| 33) 1,2-Dichloroethane-d4   | 8.30   | 65   | 196574    | 52.54    | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery  | =        | 105.08% |          |
| 35) Dibromofluoromethane    | 7.88   | 113  | 165204    | 36.70    | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery  | =        | 73.40%  |          |
| 50) Toluene-d8              | 10.32  | 98   | 2077488   | 119.57   | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery  | =        | 239.14% |          |
| 62) 4-Bromofluorobenzene    | 12.62  | 95   | 596482    | 87.68    | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery  | =        | 175.36% |          |
| Target Compounds            |        |      |           |          |         |          |
| 67) Ethyl Benzene           | 11.73  | 91   | 9757005   | 351.453  | ug/l    | 99       |
| 68) m/p-Xylenes             | 11.85  | 106  | 3075320   | 277.248  | ug/l    | 99       |
| 73) Isopropylbenzene        | 12.47  | 105  | 11569290  | 482.817  | ug/l    | 98       |
| 78) n-propylbenzene         | 12.80  | 91   | 22356226m | 762.721  | ug/l    |          |
| 80) 1,3,5-Trimethylbenzene  | 12.95  | 105  | 10532920  | 505.819  | ug/l    | 98       |
| 84) 1,2,4-Trimethylbenzene  | 13.24  | 105  | 24291928m | 1126.936 | ug/l    |          |
| 85) sec-Butylbenzene        | 13.39  | 105  | 5792652   | 223.742  | ug/l #  | 61       |
| 86) p-Isopropyltoluene      | 13.51  | 119  | 2737637   | 115.346  | ug/l    | 98       |
| 89) n-Butylbenzene          | 13.83  | 91   | 9776580m  | 439.689  | ug/l    |          |
| 95) Naphthalene             | 15.37  | 128  | 9847037   | 766.797  | ug/l    | 98       |

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

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