

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010319\  
 Data File : VW008030.D  
 Acq On : 03 Jan 2019 19:24  
 Operator : SY/AP  
 Sample : K1016-01RE  
 Misc : 8.72G/5ML/MSVOA W/SOIL  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 TR-04-010219RE

Manual Integrations  
 APPROVED

MMDadoda  
 1/4/2019 12:02:22 PM

Quant Time: Jan 04 07:11:17 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W010219S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jan 03 05:03:55 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 1) Pentafluorobenzene       | 7.95  | 168  | 55594    | 50.00  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.84  | 114  | 100063   | 50.00  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 11.63 | 117  | 68551    | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.56 | 152  | 23149    | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4   | 8.31  | 65   | 38703    | 62.94  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 125.88% |          |
| 35) Dibromofluoromethane    | 7.88  | 113  | 32366    | 51.31  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 102.62% |          |
| 50) Toluene-d8              | 10.32 | 98   | 109095   | 46.10  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 92.20%  |          |
| 62) 4-Bromofluorobenzene    | 12.62 | 95   | 27400    | 30.19  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 60.38%  |          |
| Target Compounds            |       |      |          |        |         |          |
| 16) Acetone                 | 4.12  | 43   | 4174     | 43.852 | ug/l    | 98       |
| 52) Toluene                 | 10.39 | 92   | 7660     | 4.456  | ug/l    | 99       |
| 67) Ethyl Benzene           | 11.73 | 91   | 4496     | 1.729  | ug/l    | 99       |
| 68) m/p-Xylenes             | 11.84 | 106  | 8410     | 8.365  | ug/l    | 98       |
| 69) o-Xylene                | 12.16 | 106  | 5601     | 5.987  | ug/l    | 94       |
| 78) n-propylbenzene         | 12.80 | 91   | 10318    | 4.835  | ug/l    | 96       |
| 80) 1,3,5-Trimethylbenzene  | 12.94 | 105  | 15182    | 9.582  | ug/l    | 95       |
| 84) 1,2,4-Trimethylbenzene  | 13.26 | 105  | 71044    | 44.267 | ug/l    | 96       |
| 85) sec-Butylbenzene        | 13.39 | 105  | 5269     | 2.763  | ug/l    | 80       |
| 86) p-Isopropyltoluene      | 13.50 | 119  | 4517     | 2.626  | ug/l    | 90       |
| 89) n-Butylbenzene          | 13.83 | 91   | 8742m    | 5.556  | ug/l    |          |

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

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