

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062519\  
 Data File : VD062883.D  
 Acq On : 25 Jun 2019 17:04  
 Operator : VA/AP  
 Sample : K3164-03RE  
 Misc : 5.29g/5ml/MSVOA D/SOIL  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 BAT-B05RE

Quant Time: Jun 26 06:45:39 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D061919S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jun 20 01:50:56 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc    | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|---------|---------|----------|
| 1) Pentafluorobenzene       | 7.06  | 168  | 520976   | 50.00   | ug/l    | 0.01     |
| 34) 1,4-Difluorobenzene     | 8.23  | 114  | 767230   | 50.00   | ug/l    | 0.01     |
| 63) Chlorobenzene-d5        | 12.38 | 117  | 340690   | 50.00   | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 14.52 | 152  | 62559    | 50.00   | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |         |         |          |
| 33) 1,2-Dichloroethane-d4   | 7.46  | 65   | 392509   | 69.31   | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =       | 138.62% |          |
| 35) Dibromofluoromethane    | 6.93  | 113  | 240076   | 37.11   | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =       | 74.22%  |          |
| 50) Toluene-d8              | 10.42 | 98   | 471905   | 33.52   | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =       | 67.04%  |          |
| 62) 4-Bromofluorobenzene    | 13.56 | 95   | 97069    | 15.16   | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =       | 30.32%  |          |
| Target Compounds            |       |      |          |         |         |          |
|                             |       |      |          |         | Qvalue  |          |
| 16) Acetone                 | 3.23  | 43   | 200995   | 172.864 | ug/l    | 97       |
| 17) Carbon Disulfide        | 3.38  | 76   | 20774    | 1.572   | ug/l    | 100      |
| 25) 2-Butanone              | 6.10  | 43   | 23034    | 21.748  | ug/l #  | 70       |
| 73) Isopropylbenzene        | 13.40 | 105  | 9369     | 2.336   | ug/l    | 93       |
| 80) 1,3,5-Trimethylbenzene  | 13.94 | 105  | 3978     | 1.181   | ug/l    | 97       |
| 84) 1,2,4-Trimethylbenzene  | 14.24 | 105  | 14474    | 4.191   | ug/l    | 81       |
| 86) p-Isopropyltoluene      | 14.49 | 119  | 18146    | 4.859   | ug/l    | 95       |
| 95) Naphthalene             | 16.13 | 128  | 155285   | 85.714  | ug/l    | 99       |

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

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