

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042319\  
 Data File : VD061979.D  
 Acq On : 23 Apr 2019 19:39  
 Operator : VA/AP  
 Sample : K2539-02  
 Misc : 4.41g/5ml/MSVOA D/SOIL  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 FK-SF-03-006-A

Quant Time: Apr 24 02:37:19 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D042319S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 23 14:52:55 2019  
 Response via : Initial Calibration

| Internal Standards          | R.T.   | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|--------|------|----------|--------|---------|----------|
| 1) Pentafluorobenzene       | 7.06   | 168  | 434128   | 50.00  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.23   | 114  | 706701   | 50.00  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 12.37  | 117  | 507707   | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 14.52  | 152  | 148971   | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds |        |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4   | 7.46   | 65   | 180281   | 53.06  | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =      | 106.12% |          |
| 35) Dibromofluoromethane    | 0.00   | 113  | 0        | 0.00   | ug/l    |          |
| Spiked Amount               | 50.000 |      | Recovery | =      | 0.00%   |          |
| 50) Toluene-d8              | 10.41  | 98   | 504860   | 43.41  | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =      | 86.82%  |          |
| 62) 4-Bromofluorobenzene    | 13.55  | 95   | 166907   | 35.78  | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =      | 71.56%  |          |
| Target Compounds            |        |      |          |        |         |          |
| 16) Acetone                 | 3.22   | 43   | 63637    | 78.441 | ug/l    | 96       |
| 52) Toluene                 | 10.51  | 92   | 16037    | 1.845  | ug/l    | 98       |
| 68) m/p-Xylenes             | 12.67  | 106  | 21695    | 3.833  | ug/l    | 82       |
| 69) o-Xylene                | 13.05  | 106  | 7765     | 1.500  | ug/l    | 98       |
| 80) 1,3,5-Trimethylbenzene  | 13.94  | 105  | 15558    | 1.963  | ug/l    | 99       |
| 84) 1,2,4-Trimethylbenzene  | 14.24  | 105  | 45372    | 5.997  | ug/l    | 97       |
| 95) Naphthalene             | 16.12  | 128  | 25637    | 7.146  | ug/l    | 96       |

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

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