

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100220\  
 Data File : VD067055.D  
 Acq On : 03 Oct 2020 01:32  
 Operator : VA/SY  
 Sample : L4247-01  
 Misc : 5.02G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 B-18(0-1)

Quant Time: Oct 05 09:10:06 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D100120S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 01 15:19:17 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.98  | 168  | 447417   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.86  | 114  | 751550   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.64 | 117  | 704917   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.58 | 152  | 285613   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.33   | 65  | 222126   | 51.54 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 103.08% |      |
| 35) Dibromofluoromethane  | 7.91   | 113 | 238207   | 48.41 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 96.82%  |      |
| 50) Toluene-d8            | 10.34  | 98  | 934640   | 52.13 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 104.26% |      |
| 62) 4-Bromofluorobenzene  | 12.63  | 95  | 311142   | 51.12 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 102.24% |      |

## Target Compounds

|                            |       |     |        |        |        | Qvalue |
|----------------------------|-------|-----|--------|--------|--------|--------|
| 16) Acetone                | 4.17  | 43  | 6289   | 9.560  | ug/l # | 75     |
| 39) Methylcyclohexane      | 9.36  | 83  | 102880 | 13.891 | ug/l   | 94     |
| 52) Toluene                | 10.40 | 92  | 15148  | 1.209  | ug/l   | 92     |
| 67) Ethyl Benzene          | 11.74 | 91  | 32776  | 1.364  | ug/l   | 97     |
| 68) m/p-Xylenes            | 11.85 | 106 | 64943  | 6.937  | ug/l   | 92     |
| 69) o-Xylene               | 12.18 | 106 | 69861  | 8.345  | ug/l   | 87     |
| 73) Isopropylbenzene       | 12.48 | 105 | 24684  | 1.273  | ug/l   | 97     |
| 78) n-propylbenzene        | 12.82 | 91  | 30552  | 1.333  | ug/l # | 52     |
| 80) 1,3,5-Trimethylbenzene | 12.96 | 105 | 587929 | 35.882 | ug/l   | 100    |
| 83) tert-Butylbenzene      | 13.23 | 119 | 15141  | 1.097  | ug/l   | 93     |
| 84) 1,2,4-Trimethylbenzene | 13.27 | 105 | 241007 | 14.739 | ug/l   | 99     |
| 85) sec-Butylbenzene       | 13.40 | 105 | 79818  | 4.108  | ug/l   | 91     |
| 86) p-Isopropyltoluene     | 13.52 | 119 | 153135 | 8.501  | ug/l   | 98     |
| 95) Naphthalene            | 15.41 | 128 | 283246 | 32.957 | ug/l # | 92     |

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

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