

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062920\  
 Data File : VD065888.D  
 Acq On : 29 Jun 2020 16:02  
 Operator : VA/SY  
 Sample : L3129-09  
 Misc : 5.02G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 72-11982

Quant Time: Jun 30 04:55:05 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D062620S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jun 26 19:16:07 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.98  | 168  | 38162    | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.87  | 114  | 86961    | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.65 | 117  | 57176    | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.58 | 152  | 16900    | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.33  | 65   | 47055    | 118.69 | ug/l    | 0.00     |
| Spiked Amount               |       |      |          | 50.000 |         |          |
|                             |       |      | Recovery | =      | 237.38% |          |
| 35) Dibromofluoromethane    | 7.92  | 113  | 36549    | 68.00  | ug/l    | 0.00     |
| Spiked Amount               |       |      |          | 50.000 |         |          |
|                             |       |      | Recovery | =      | 136.00% |          |
| 50) Toluene-d8              | 10.34 | 98   | 75129    | 37.16  | ug/l    | 0.00     |
| Spiked Amount               |       |      |          | 50.000 |         |          |
|                             |       |      | Recovery | =      | 74.32%  |          |
| 62) 4-Bromofluorobenzene    | 12.64 | 95   | 20389    | 30.78  | ug/l    | 0.00     |
| Spiked Amount               |       |      |          | 50.000 |         |          |
|                             |       |      | Recovery | =      | 61.56%  |          |

| Target Compounds           | R.T.  | QIon | Response | Conc      | Units  | Qvalue |
|----------------------------|-------|------|----------|-----------|--------|--------|
| 11) Tert butyl alcohol     | 5.21  | 59   | 66726    | 3509.585  | ug/l   | 96     |
| 16) Acetone                | 4.16  | 43   | 1111241  | 14305.719 | ug/l   | 92     |
| 18) Methyl Acetate         | 4.71  | 43   | 3812     | 22.132    | ug/l # | 54     |
| 20) Methylene Chloride     | 4.96  | 84   | 7920     | 15.843    | ug/l   | 97     |
| 25) 2-Butanone             | 7.21  | 43   | 306678   | 2958.429  | ug/l   | 97     |
| 41) Methacrylonitrile      | 7.48  | 41   | 358099   | 2013.052  | ug/l # | 42     |
| 51) 4-Methyl-2-Pentanone   | 10.23 | 43   | 60055    | 185.436   | ug/l   | 99     |
| 52) Toluene                | 10.41 | 92   | 16250    | 10.624    | ug/l   | 96     |
| 56) Ethyl methacrylate     | 10.61 | 69   | 25071    | 48.772    | ug/l # | 72     |
| 59) 2-Hexanone             | 10.98 | 43   | 58712    | 258.633   | ug/l   | 97     |
| 67) Ethyl Benzene          | 11.75 | 91   | 4086     | 1.940     | ug/l   | 98     |
| 68) m/p-Xylenes            | 11.85 | 106  | 5890     | 7.344     | ug/l   | 83     |
| 69) o-Xylene               | 12.19 | 106  | 2917     | 4.048     | ug/l   | 92     |
| 73) Isopropylbenzene       | 12.48 | 105  | 2736     | 2.260     | ug/l   | 93     |
| 78) n-propylbenzene        | 12.83 | 91   | 4002     | 2.744     | ug/l   | 97     |
| 80) 1,3,5-Trimethylbenzene | 12.97 | 105  | 10584    | 10.460    | ug/l   | 98     |
| 84) 1,2,4-Trimethylbenzene | 13.28 | 105  | 42155    | 42.292    | ug/l   | 97     |
| 85) sec-Butylbenzene       | 13.40 | 105  | 1612     | 1.328     | ug/l   | 94     |
| 86) p-Isopropyltoluene     | 13.52 | 119  | 4789     | 4.345     | ug/l   | 93     |
| 89) n-Butylbenzene         | 13.85 | 91   | 4185     | 3.894     | ug/l # | 80     |
| 95) Naphthalene            | 15.41 | 128  | 25041    | 47.496    | ug/l # | 95     |

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

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