

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090420\  
 Data File : VD066559.D  
 Acq On : 04 Sep 2020 13:27  
 Operator : VA/SY  
 Sample : L3877-06  
 Misc : 8.23G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 TP-2

Quant Time: Sep 05 07:52:32 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D090320S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Sep 04 01:57:04 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.97  | 168  | 464903   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.86  | 114  | 813680   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.64 | 117  | 715339   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.58 | 152  | 310536   | 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   | 280920   | 49.94 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 99.88%  |          |
| 35) Dibromofluoromethane    | 7.91  | 113  | 268006   | 48.82 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 97.64%  |          |
| 50) Toluene-d8              | 10.34 | 98   | 988942   | 50.41 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 100.82% |          |
| 62) 4-Bromofluorobenzene    | 12.63 | 95   | 327542   | 50.35 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 100.70% |          |

| Target Compounds           | R.T.  | QIon | Response | Conc    | Units | Qvalue |
|----------------------------|-------|------|----------|---------|-------|--------|
| 16) Acetone                | 4.16  | 43   | 21390    | 20.667  | ug/l  | 100    |
| 17) Carbon Disulfide       | 4.41  | 76   | 16224    | 1.054   | ug/l  | 96     |
| 39) Methylcyclohexane      | 9.35  | 83   | 38333    | 4.054   | ug/l  | 97     |
| 40) Benzene                | 8.34  | 78   | 1538262  | 66.328  | ug/l  | 100    |
| 52) Toluene                | 10.40 | 92   | 27971    | 1.905   | ug/l  | 92     |
| 67) Ethyl Benzene          | 11.74 | 91   | 1184728  | 43.702  | ug/l  | 99     |
| 68) m/p-Xylenes            | 11.86 | 106  | 184504   | 18.330  | ug/l  | 97     |
| 69) o-Xylene               | 12.18 | 106  | 28654    | 3.176   | ug/l  | 100    |
| 73) Isopropylbenzene       | 12.48 | 105  | 211794   | 9.212   | ug/l  | 99     |
| 78) n-propylbenzene        | 12.82 | 91   | 91212    | 3.273   | ug/l  | 98     |
| 80) 1,3,5-Trimethylbenzene | 12.96 | 105  | 132235   | 6.833   | ug/l  | 97     |
| 84) 1,2,4-Trimethylbenzene | 13.27 | 105  | 377691   | 19.603  | ug/l  | 98     |
| 95) Naphthalene            | 15.41 | 128  | 3544434  | 379.976 | ug/l  | 99     |

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

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