

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD052423\  
 Data File : VD076215.D  
 Acq On : 24 May 2023 15:40  
 Operator : KP/SY  
 Sample : 02892-01  
 Misc : 6.24G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 TP-30

Quant Time: May 25 06:02:01 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D051523S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue May 16 10:08:53 2023  
 Response via : Initial Calibration

| Compound                    | R.T. QIon |       | Response | Conc     | Units       | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|-------------|----------|
| -----                       |           |       |          |          |             |          |
| Internal Standards          |           |       |          |          |             |          |
| 1) Pentafluorobenzene       | 7.875     | 168   | 41979    | 50.000   | ug/l        | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.775     | 114   | 91517    | 50.000   | ug/l        | 0.00     |
| 63) Chlorobenzene-d5        | 11.581    | 117   | 105412   | 50.000   | ug/l        | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.516    | 152   | 53466    | 50.000   | ug/l        | 0.00     |
| System Monitoring Compounds |           |       |          |          |             |          |
| 33) 1,2-Dichloroethane-d4   | 8.228     | 65    | 35142    | 86.617   | ug/l        | 0.00     |
| Spiked Amount               | 50.000    | Range | 50 - 163 | Recovery | = 173.240%# |          |
| 35) Dibromofluoromethane    | 7.805     | 113   | 36841    | 58.239   | ug/l        | 0.00     |
| Spiked Amount               | 50.000    | Range | 54 - 147 | Recovery | = 116.480%  |          |
| 50) Toluene-d8              | 10.269    | 98    | 76705    | 31.105   | ug/l        | 0.00     |
| Spiked Amount               | 50.000    | Range | 58 - 134 | Recovery | = 62.220%   |          |
| 62) 4-Bromofluorobenzene    | 12.575    | 95    | 42452    | 61.973   | ug/l        | 0.00     |
| Spiked Amount               | 50.000    | Range | 30 - 143 | Recovery | = 123.940%  |          |
| Target Compounds            |           |       |          |          |             |          |
|                             |           |       |          |          | Qvalue      |          |
| 16) Acetone                 | 4.022     | 43    | 4516     | 55.945   | ug/l #      | 62       |
| 20) Methylene Chloride      | 4.805     | 84    | 9639     | 7.358    | ug/l #      | 77       |
| 39) Methylcyclohexane       | 9.275     | 83    | 2151     | 2.187    | ug/l #      | 85       |
| 73) Isopropylbenzene        | 12.422    | 105   | 23933    | 6.767    | ug/l        | 100      |
| 78) n-propylbenzene         | 12.763    | 91    | 64332    | 14.613   | ug/l        | 99       |
| 83) tert-Butylbenzene       | 13.169    | 119   | 12097    | 4.882    | ug/l        | 92       |
| 84) 1,2,4-Trimethylbenzene  | 13.210    | 105   | 6477     | 2.218    | ug/l        | 83       |
| 85) sec-Butylbenzene        | 13.345    | 105   | 81624    | 21.137   | ug/l #      | 64       |
| 89) n-Butylbenzene          | 13.787    | 91    | 130186   | 43.720   | ug/l #      | 85       |
| -----                       |           |       |          |          |             |          |

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

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