

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD100821\  
 Data File : VD070640.D  
 Acq On : 08 Oct 2021 15:50  
 Operator : VA/SY  
 Sample : M3990-08  
 Misc : 7.46G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 S-845-R-SO-2-2.5-092921

Quant Time: Oct 11 02:23:42 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D100521S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 06 09:10:31 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Pentafluorobenzene       | 7.979  | 168   | 373616   | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.861  | 114   | 719484   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 11.638 | 117   | 684270   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.561 | 152   | 285160   | 50.000   | ug/l  | 0.00     |
|                             |        |       |          |          |       |          |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 8.326  | 65    | 250700   | 57.017   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =     | 114.040% |
| 35) Dibromofluoromethane    | 7.908  | 113   | 249921   | 52.246   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =     | 104.500% |
| 50) Toluene-d8              | 10.338 | 98    | 921679   | 50.401   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =     | 100.800% |
| 62) 4-Bromofluorobenzene    | 12.620 | 95    | 285446   | 46.703   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =     | 93.400%  |
|                             |        |       |          |          |       |          |
| Target Compounds            |        |       |          |          |       |          |
| 27) cis-1,2-Dichloroethene  | 7.208  | 96    | 32717    | 6.037    | ug/l  | 84       |
| 44) Trichloroethene         | 9.108  | 130   | 10165    | 1.830    | ug/l  | 93       |
| -----                       |        |       |          |          |       |          |

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

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