

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD100721\  
 Data File : VD070625.D  
 Acq On : 07 Oct 2021 19:06  
 Operator : VA/SY  
 Sample : M4117-08  
 Misc : 4.48G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 SB-3(3.0-3.5)

Quant Time: Oct 08 04:54:54 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   | 363014   | 50.00    | ug/l  | 0.00        |
| 34) 1,4-Difluorobenzene     | 8.861  | 114   | 675987   | 50.00    | ug/l  | 0.00        |
| 63) Chlorobenzene-d5        | 11.638 | 117   | 652930   | 50.00    | ug/l  | 0.00        |
| 72) 1,4-Dichlorobenzene-d4  | 13.561 | 152   | 269999   | 50.00    | ug/l  | 0.00        |
|                             |        |       |          |          |       |             |
| System Monitoring Compounds |        |       |          |          |       |             |
| 33) 1,2-Dichloroethane-d4   | 8.326  | 65    | 219080   | 51.28    | ug/l  | 0.00        |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =     | 102.56%     |
| 35) Dibromofluoromethane    | 7.908  | 113   | 228422   | 50.82    | ug/l  | 0.00        |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =     | 101.64%     |
| 50) Toluene-d8              | 10.332 | 98    | 882223   | 51.35    | ug/l  | 0.00        |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =     | 102.70%     |
| 62) 4-Bromofluorobenzene    | 12.620 | 95    | 260431   | 45.35    | ug/l  | 0.00        |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =     | 90.70%      |
|                             |        |       |          |          |       |             |
| Target Compounds            |        |       |          |          |       |             |
| 11) Tert butyl alcohol      | 5.173  | 59    | 5338     | 25.22    | ug/l  | Qvalue # 83 |
| -----                       |        |       |          |          |       |             |

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

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