

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD071922\  
 Data File : VD073863.D  
 Acq On : 19 Jul 2022 16:10  
 Operator : VA/SY  
 Sample : N3649-07  
 Misc : 7.69G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 A-2-LC

Quant Time: Jul 20 01:22:30 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D071822S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jul 19 01:56:16 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 7.926  | 168   | 132238   | 50.000   | ug/l   | -0.04    |
| 34) 1,4-Difluorobenzene     | 8.838  | 114   | 236633   | 50.000   | ug/l   | -0.02    |
| 63) Chlorobenzene-d5        | 11.644 | 117   | 186090   | 50.000   | ug/l   | 0.01     |
| 72) 1,4-Dichlorobenzene-d4  | 13.567 | 152   | 74799    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.303  | 65    | 62299    | 39.453   | ug/l   | -0.02    |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =      | 78.900%  |
| 35) Dibromofluoromethane    | 7.914  | 113   | 68783    | 41.202   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =      | 82.400%  |
| 50) Toluene-d8              | 10.320 | 98    | 273575   | 45.142   | ug/l   | -0.01    |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =      | 90.280%  |
| 62) 4-Bromofluorobenzene    | 12.632 | 95    | 88892    | 42.662   | ug/l   | 0.01     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =      | 85.320%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 3) Chloromethane            | 2.191  | 50    | 66200    | 31.696   | ug/l   | 98       |
| 5) Bromomethane             | 2.691  | 94    | 18905    | 9.177    | ug/l   | 93       |
| 52) Toluene                 | 10.385 | 92    | 4857     | 1.101    | ug/l   | 88       |
| 68) m/p-Xylenes             | 11.855 | 106   | 6740     | 2.437    | ug/l   | 77       |
| 69) o-Xylene                | 12.167 | 106   | 3623     | 1.399    | ug/l   | 47       |
| -----                       |        |       |          |          |        |          |

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

