

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY070620\  
 Data File : VY003106.D  
 Acq On : 06 Jul 2020 12:26  
 Operator : SY/MD  
 Sample : L3211-08  
 Misc : 9.00G/5ML/MSVOA Y/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 SB-8 11-11.5

Quant Time: Jul 07 07:53:40 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y062920S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 30 04:11:35 2020  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 1) Pentafluorobenzene       | 7.80  | 168  | 279035   | 50.00  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.69  | 114  | 445721   | 50.00  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 11.49 | 117  | 429390   | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.42 | 152  | 224089   | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4   | 8.15  | 65   | 152261   | 54.94  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 109.88% |          |
| 35) Dibromofluoromethane    | 7.72  | 113  | 146145   | 52.56  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 105.12% |          |
| 50) Toluene-d8              | 10.18 | 98   | 540099   | 52.14  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 104.28% |          |
| 62) 4-Bromofluorobenzene    | 12.48 | 95   | 192187   | 52.71  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 105.42% |          |
| Target Compounds            |       |      |          |        |         |          |
| 3) Chloromethane            | 2.12  | 50   | 7961     | 2.573  | ug/l    | 93       |
| 11) Tert butyl alcohol      | 4.97  | 59   | 5144     | 18.213 | ug/l #  | 84       |
| 16) Acetone                 | 3.96  | 43   | 7067     | 10.812 | ug/l    | 97       |
| 18) Methyl Acetate          | 4.49  | 43   | 3074     | 1.746  | ug/l    | 98       |
| 95) Naphthalene             | 15.24 | 128  | 14230    | 1.665  | ug/l #  | 92       |

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

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