

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040120\  
 Data File : VY002173.D  
 Acq On : 01 Apr 2020 19:03  
 Operator : SY/MD  
 Sample : L2129-21  
 Misc : 5.12G/5ML/MSVOA Y/SOIL  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 TP-1

Quant Time: Apr 02 08:11:37 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y032620S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Mar 27 07:11:05 2020  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc    | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|---------|---------|----------|
| 1) Pentafluorobenzene       | 7.81  | 168  | 115112   | 50.00   | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.71  | 114  | 225625   | 50.00   | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 11.50 | 117  | 203579   | 50.00   | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.44 | 152  | 80578    | 50.00   | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |         |         |          |
| 33) 1,2-Dichloroethane-d4   | 8.16  | 65   | 73760    | 57.96   | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =       | 115.92% |          |
| 35) Dibromofluoromethane    | 7.74  | 113  | 67406    | 53.32   | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =       | 106.64% |          |
| 50) Toluene-d8              | 10.19 | 98   | 276094   | 52.57   | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =       | 105.14% |          |
| 62) 4-Bromofluorobenzene    | 12.49 | 95   | 86546    | 47.12   | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =       | 94.24%  |          |
| Target Compounds            |       |      |          |         |         |          |
| 11) Tert butyl alcohol      | 4.97  | 59   | 6763     | 45.099  | ug/l #  | 84       |
| 16) Acetone                 | 3.97  | 43   | 137673   | 385.081 | ug/l    | 98       |
| 18) Methyl Acetate          | 4.50  | 43   | 3152     | 3.395   | ug/l    | 91       |
| 52) Toluene                 | 10.25 | 92   | 4828     | 1.263   | ug/l    | 96       |

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

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