

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041520\  
 Data File : VY002330.D  
 Acq On : 15 Apr 2020 12:44  
 Operator : SY/MD  
 Sample : L2245-02  
 Misc : 5.00G/5ML/MSVOA Y/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 TP-13

Quant Time: Apr 16 07:03:56 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y040820S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Apr 08 15:15:02 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.81  | 168  | 139845   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.71  | 114  | 279958   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.50 | 117  | 225911   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.43 | 152  | 69166    | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.16  | 65   | 74541    | 47.93 | ug/l   | 0.00     |
| Spiked Amount               |       |      |          |       |        |          |
|                             |       |      | Recovery | =     | 95.86% |          |
| 35) Dibromofluoromethane    | 7.74  | 113  | 83023    | 49.84 | ug/l   | 0.00     |
| Spiked Amount               |       |      |          |       |        |          |
|                             |       |      | Recovery | =     | 99.68% |          |
| 50) Toluene-d8              | 10.19 | 98   | 333200   | 47.79 | ug/l   | 0.00     |
| Spiked Amount               |       |      |          |       |        |          |
|                             |       |      | Recovery | =     | 95.58% |          |
| 62) 4-Bromofluorobenzene    | 12.49 | 95   | 83250    | 36.19 | ug/l   | 0.00     |
| Spiked Amount               |       |      |          |       |        |          |
|                             |       |      | Recovery | =     | 72.38% |          |

| Target Compounds            | R.T. | QIon | Response | Conc    | Units  | Qvalue |
|-----------------------------|------|------|----------|---------|--------|--------|
| 16) Acetone                 | 3.97 | 43   | 67609    | 165.058 | ug/l   | 95     |
| 17) Carbon Disulfide        | 4.21 | 76   | 11631    | 2.074   | ug/l # | 94     |
| 19) Methyl tert-butyl Ether | 5.25 | 73   | 14538    | 3.275   | ug/l   | 99     |
| 20) Methylene Chloride      | 4.74 | 84   | 10811    | 5.370   | ug/l   | 87     |
| 25) 2-Butanone              | 7.02 | 43   | 29054    | 44.821  | ug/l   | 97     |

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

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