

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041420\  
 Data File : VY002322.D  
 Acq On : 14 Apr 2020 20:17  
 Operator : SY/MD  
 Sample : L2245-01  
 Misc : 5.41G/5ML/MSVOA Y/SOIL  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 TP-5

Quant Time: Apr 15 06:52:20 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       | 7.82  | 168  | 134691   | 50.00  | ug/l   | 0.01     |
| 34) 1,4-Difluorobenzene     | 8.71  | 114  | 265368   | 50.00  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.50 | 117  | 218290   | 50.00  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.43 | 152  | 73649    | 50.00  | ug/l   | 0.00     |
| System Monitoring Compounds |       |      |          |        |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.16  | 65   | 73893    | 49.33  | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 98.66% |          |
| 35) Dibromofluoromethane    | 7.75  | 113  | 76700    | 48.57  | ug/l   | 0.01     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 97.14% |          |
| 50) Toluene-d8              | 10.19 | 98   | 321573   | 48.66  | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 97.32% |          |
| 62) 4-Bromofluorobenzene    | 12.49 | 95   | 84216    | 38.62  | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 77.24% |          |
| Target Compounds            |       |      |          |        |        |          |
| 16) Acetone                 | 3.98  | 43   | 22636    | 57.377 | ug/l   | 90       |
| 17) Carbon Disulfide        | 4.22  | 76   | 7008     | 1.297  | ug/l   | 97       |
| 19) Methyl tert-butyl Ether | 5.25  | 73   | 9013     | 2.108  | ug/l   | 96       |
| 25) 2-Butanone              | 7.03  | 43   | 9850     | 15.777 | ug/l   | 91       |
| 95) Naphthalene             | 15.24 | 128  | 4058     | 1.265  | ug/l   | 99       |

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

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