

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY101322\  
 Data File : VY010963.D  
 Acq On : 13 Oct 2022 17:18  
 Operator : KP/MD  
 Sample : N5133-01  
 Misc : 5.69g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 HAS-SOIL-1013

Quant Time: Oct 14 02:12:21 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y100322S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Oct 04 07:26:22 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|------------|----------|
| -----                       |        |       |          |          |            |          |
| Internal Standards          |        |       |          |          |            |          |
| 1) Pentafluorobenzene       | 7.783  | 168   | 14314    | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.685  | 114   | 22701    | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 11.489 | 117   | 19309    | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.422 | 152   | 7360     | 50.000   | ug/l       | 0.00     |
|                             |        |       |          |          |            |          |
| System Monitoring Compounds |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 8.142  | 65    | 10663    | 73.492   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 146.980% |          |
| 35) Dibromofluoromethane    | 7.710  | 113   | 8018     | 53.208   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 106.420% |          |
| 50) Toluene-d8              | 10.173 | 98    | 28158    | 54.639   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | = 109.280% |          |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 7940     | 38.597   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | = 77.200%  |          |
|                             |        |       |          |          |            |          |
| Target Compounds            |        |       |          |          |            | Qvalue   |
| 16) Acetone                 | 3.966  | 43    | 692      | 18.779   | ug/l       | 95       |
| 20) Methylene Chloride      | 4.710  | 84    | 3271     | 16.789   | ug/l #     | 78       |
| -----                       |        |       |          |          |            |          |

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

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