

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY032822\  
 Data File : VY008070.D  
 Acq On : 28 Mar 2022 17:27  
 Operator : SY/MD  
 Sample : N2057-02  
 Misc : 6.91g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 UST-7-EAST-SIDEWALL

Quant Time: Mar 28 18:58:10 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y032522S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Mar 26 03:24:51 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.795  | 168  | 119288   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.691  | 114  | 207979   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.495 | 117  | 118536   | 50.000 | ug/l  | # 0.00   |
| 72) 1,4-Dichlorobenzene-d4 | 13.404 | 152  | 62683    | 50.000 | ug/l  | #-0.02   |

|                             |        |       |          |          |      |           |
|-----------------------------|--------|-------|----------|----------|------|-----------|
| System Monitoring Compounds |        |       |          |          |      |           |
| 33) 1,2-Dichloroethane-d4   | 8.142  | 65    | 62625    | 52.326   | ug/l | 0.00      |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 104.660%  |
| 35) Dibromofluoromethane    | 7.722  | 113   | 64387    | 49.378   | ug/l | 0.00      |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 98.760%   |
| 50) Toluene-d8              | 10.185 | 98    | 299666   | 60.998   | ug/l | 0.00      |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =    | 122.000%  |
| 62) 4-Bromofluorobenzene    | 12.477 | 95    | 128270   | 74.007   | ug/l | 0.00      |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =    | 148.020%# |

| Target Compounds      |        |     |        |         |        | Qvalue |
|-----------------------|--------|-----|--------|---------|--------|--------|
| 16) Acetone           | 3.954  | 43  | 42369  | 154.881 | ug/l # | 83     |
| 17) Carbon Disulfide  | 4.210  | 76  | 12836  | 3.579   | ug/l # | 94     |
| 39) Methylcyclohexane | 9.185  | 83  | 418734 | 151.454 | ug/l   | 87     |
| 52) Toluene           | 10.246 | 92  | 6793   | 1.768   | ug/l   | 96     |
| 73) Isopropylbenzene  | 12.337 | 105 | 93520  | 18.075  | ug/l   | 97     |
| 78) n-propylbenzene   | 12.672 | 91  | 122424 | 20.060  | ug/l   | 85     |
| 85) sec-Butylbenzene  | 13.257 | 105 | 394992 | 70.865  | ug/l # | 76     |
| 89) n-Butylbenzene    | 13.702 | 91  | 252312 | 59.117  | ug/l # | 78     |

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

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