

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY103122\  
 Data File : VY011200.D  
 Acq On : 31 Oct 2022 16:26  
 Operator : KP/MD  
 Sample : N5327-01RE  
 Misc : 5.07g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 LACY-05RE

Quant Time: Nov 01 02:44:57 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y102822S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Oct 28 23:42:14 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|------------|----------|
| -----                       |        |       |          |          |            |          |
| Internal Standards          |        |       |          |          |            |          |
| 1) Pentafluorobenzene       | 7.789  | 168   | 6240     | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.685  | 114   | 9825     | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 11.490 | 117   | 7339     | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.422 | 152   | 1622     | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 8.143  | 65    | 3547     | 54.973   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 109.940% |          |
| 35) Dibromofluoromethane    | 7.716  | 113   | 2038     | 33.731   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 67.460%  |          |
| 50) Toluene-d8              | 10.179 | 98    | 11105    | 46.394   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | = 92.780%  |          |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 2392     | 30.541   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | = 61.080%  |          |
| Target Compounds            |        |       |          |          |            |          |
|                             |        |       |          |          | Qvalue     |          |
| 10) Methyl Iodide           | 4.101  | 142   | 1074     | 17.600   | ug/l #     | 60       |
| 20) Methylene Chloride      | 4.710  | 84    | 2253     | 32.168   | ug/l #     | 72       |
| -----                       |        |       |          |          |            |          |

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

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