

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY022624\  
 Data File : VY017483.D  
 Acq On : 26 Feb 2024 15:51  
 Operator : SY/MD  
 Sample : P1564-13  
 Misc : 3.70g/5.0mL/MSVOA\_Y/SOIL/A  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 LKWD-BACKFILL-15

Quant Time: Feb 27 01:53:55 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y022324S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Feb 24 04:41:20 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 7.795  | 168   | 76649    | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.691  | 114   | 184223   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.495 | 117   | 165073   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.428 | 152   | 57757    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.148  | 65    | 57219    | 78.768   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =      | 157.540% |
| 35) Dibromofluoromethane    | 7.722  | 113   | 60498    | 47.127   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =      | 94.260%  |
| 50) Toluene-d8              | 10.185 | 98    | 191850   | 42.744   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | =      | 85.480%  |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 49494    | 35.088   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 30 - 143 | Recovery | =      | 70.180%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 3.972  | 43    | 1961     | 13.918   | ug/l # | 80       |
| 20) Methylene Chloride      | 4.722  | 84    | 12774    | 11.178   | ug/l   | 92       |
| -----                       |        |       |          |          |        |          |

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

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