

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY041824\  
 Data File : VY017977.D  
 Acq On : 18 Apr 2024 15:38  
 Operator : SY/MD  
 Sample : P2147-12  
 Misc : 4.64g/5.0mL/MSVOA\_Y/SOIL/A  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 GRAB-8

Quant Time: Apr 19 02:02:08 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y041624S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Apr 17 06:24:42 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min)  |
|-----------------------------|--------|-------|----------|----------|------------|-----------|
| -----                       |        |       |          |          |            |           |
| Internal Standards          |        |       |          |          |            |           |
| 1) Pentafluorobenzene       | 7.795  | 168   | 329374   | 50.000   | ug/l       | 0.00      |
| 34) 1,4-Difluorobenzene     | 8.691  | 114   | 582859   | 50.000   | ug/l       | 0.00      |
| 63) Chlorobenzene-d5        | 11.495 | 117   | 506641   | 50.000   | ug/l       | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 13.428 | 152   | 175093   | 50.000   | ug/l       | 0.00      |
| System Monitoring Compounds |        |       |          |          |            |           |
| 33) 1,2-Dichloroethane-d4   | 8.142  | 65    | 143757   | 50.436   | ug/l       | 0.00      |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 100.880% |           |
| 35) Dibromofluoromethane    | 7.722  | 113   | 184893   | 51.418   | ug/l       | 0.00      |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 102.840% |           |
| 50) Toluene-d8              | 10.185 | 98    | 668456   | 48.991   | ug/l       | 0.00      |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | = 97.980%  |           |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 169386   | 40.084   | ug/l       | 0.00      |
| Spiked Amount               | 50.000 | Range | 30 - 143 | Recovery | = 80.160%  |           |
| Target Compounds            |        |       |          |          |            |           |
| 20) Methylene Chloride      | 4.722  | 84    | 50460    | 13.225   | ug/l       | Qvalue 97 |
| -----                       |        |       |          |          |            |           |

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

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