

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY041824\  
 Data File : VY017971.D  
 Acq On : 18 Apr 2024 13:16  
 Operator : SY/MD  
 Sample : P2147-06  
 Misc : 6.36g/5.0mL/MSVOA\_Y/SOIL/A  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 GRAB-2

Quant Time: Apr 19 02:00:32 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       | 7.801  | 168   | 354484   | 50.000   | ug/l       | 0.01     |
| 34) 1,4-Difluorobenzene     | 8.703  | 114   | 636775   | 50.000   | ug/l       | 0.01     |
| 63) Chlorobenzene-d5        | 11.501 | 117   | 582872   | 50.000   | ug/l       | 0.01     |
| 72) 1,4-Dichlorobenzene-d4  | 13.434 | 152   | 231597   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 8.155  | 65    | 166044   | 54.128   | ug/l       | 0.01     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 108.260% |          |
| 35) Dibromofluoromethane    | 7.734  | 113   | 204253   | 51.992   | ug/l       | 0.01     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 103.980% |          |
| 50) Toluene-d8              | 10.191 | 98    | 734766   | 49.291   | ug/l       | 0.01     |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | = 98.580%  |          |
| 62) 4-Bromofluorobenzene    | 12.489 | 95    | 214336   | 46.427   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 30 - 143 | Recovery | = 92.860%  |          |
| Target Compounds            |        |       |          |          |            |          |
|                             |        |       |          |          |            | Qvalue   |
| 16) Acetone                 | 3.960  | 43    | 1617     | 2.668    | ug/l       | 88       |
| 20) Methylene Chloride      | 4.728  | 84    | 53311    | 12.982   | ug/l       | 99       |
| -----                       |        |       |          |          |            |          |

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

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