

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN111723\  
 Data File : VN080161.D  
 Acq On : 17 Nov 2023 14:29  
 Operator : JC\MD  
 Sample : 05445-09  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 SOIL-3-1115

Quant Time: Nov 18 02:30:20 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N111623W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Nov 17 01:19:32 2023  
 Response via : Initial Calibration

| Compound                    | R.T. QIon |                | Response | Conc   | Units    | Dev(Min) |
|-----------------------------|-----------|----------------|----------|--------|----------|----------|
| -----                       |           |                |          |        |          |          |
| Internal Standards          |           |                |          |        |          |          |
| 1) Pentafluorobenzene       | 8.230     | 168            | 178982   | 50.000 | ug/l     | 0.00     |
| 34) 1,4-Difluorobenzene     | 9.106     | 114            | 342829   | 50.000 | ug/l     | 0.00     |
| 63) Chlorobenzene-d5        | 11.871    | 117            | 379903   | 50.000 | ug/l     | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.794    | 152            | 160033   | 50.000 | ug/l     | 0.00     |
| System Monitoring Compounds |           |                |          |        |          |          |
| 33) 1,2-Dichloroethane-d4   | 8.577     | 65             | 164167   | 55.550 | ug/l     | 0.00     |
| Spiked Amount               | 50.000    | Range 74 - 125 | Recovery | =      | 111.100% |          |
| 35) Dibromofluoromethane    | 8.171     | 113            | 127996   | 50.599 | ug/l     | 0.00     |
| Spiked Amount               | 50.000    | Range 75 - 124 | Recovery | =      | 101.200% |          |
| 50) Toluene-d8              | 10.571    | 98             | 471476   | 51.704 | ug/l     | 0.00     |
| Spiked Amount               | 50.000    | Range 86 - 113 | Recovery | =      | 103.400% |          |
| 62) 4-Bromofluorobenzene    | 12.853    | 95             | 183368   | 53.238 | ug/l     | 0.00     |
| Spiked Amount               | 50.000    | Range 83 - 123 | Recovery | =      | 106.480% |          |
| Target Compounds            |           |                |          |        |          |          |
|                             |           |                |          |        |          | Qvalue   |
| 16) Acetone                 | 4.436     | 43             | 26957    | 27.158 | ug/l     | 99       |
| 20) Methylene Chloride      | 5.277     | 84             | 10984    | 5.284  | ug/l #   | 96       |
| 43) Isopropyl Acetate       | 8.694     | 43             | 119782   | 24.230 | ug/l #   | 86       |
| -----                       |           |                |          |        |          |          |

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

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