

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN022422\  
 Data File : VN071064.D  
 Acq On : 24 Feb 2022 18:44  
 Operator : JC\MD  
 Sample : N1650-04  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 NW-SURFICIAL-SOIL-(NW-SS)

Quant Time: Feb 25 02:45:55 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N021522W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Feb 21 07:57:15 2022  
 Response via : Initial Calibration

| Compound                    | R.T. QIon |       | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|--------|----------|
| -----                       |           |       |          |          |        |          |
| Internal Standards          |           |       |          |          |        |          |
| 1) Pentafluorobenzene       | 8.081     | 168   | 879033   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.963     | 114   | 1398351  | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.739    | 117   | 1257020  | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.668    | 152   | 435219   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |           |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.433     | 65    | 532989   | 53.079   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 61 - 141 | Recovery | =      | 106.160% |
| 35) Dibromofluoromethane    | 8.016     | 113   | 411348   | 49.456   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 69 - 133 | Recovery | =      | 98.920%  |
| 50) Toluene-d8              | 10.439    | 98    | 1724081  | 51.616   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 65 - 126 | Recovery | =      | 103.240% |
| 62) 4-Bromofluorobenzene    | 12.727    | 95    | 570260   | 47.763   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 58 - 135 | Recovery | =      | 95.520%  |
| Target Compounds            |           |       |          |          |        |          |
|                             |           |       |          |          | Qvalue |          |
| 16) Acetone                 | 4.293     | 43    | 87368    | 15.799   | ug/l   | 94       |
| 18) Methyl Acetate          | 4.857     | 43    | 22553    | 1.275    | ug/l   | 97       |
| 20) Methylene Chloride      | 5.098     | 84    | 358561   | 35.677   | ug/l   | 91       |
| 43) Isopropyl Acetate       | 8.557     | 43    | 114930   | 4.989    | ug/l # | 79       |
| -----                       |           |       |          |          |        |          |

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

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