

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100518\  
 Data File : VN051683.D  
 Acq On : 5 Oct 2018 13:38  
 Operator : MD\SY  
 Sample : J5237-11  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 12 Sample Multiplier: 28

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 TRIP-SOIL

Quant Time: Oct 05 17:03:22 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N100518W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Fri Oct 05 11:11:26 2018  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 7.20  | 128  | 95785    | 30.00 | ug/l  | 0.00     |
| 28) 1,4-Difluorobenzene | 8.59  | 114  | 525507   | 30.00 | ug/l  | 0.00     |
| 57) Chlorobenzene-d5    | 11.41 | 117  | 419977   | 30.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |       |          |          |      |         |
|---------------------------|--------|-------|----------|----------|------|---------|
| 27) 1,2-Dichloroethane-d4 | 8.03   | 65    | 198228   | 29.82    | ug/l | 0.00    |
| Spiked Amount             | 30.000 | Range | 50 - 169 | Recovery | =    | 99.40%  |
| 60) 4-Bromofluorobenzene  | 12.40  | 95    | 141607   | 22.10    | ug/l | 0.00    |
| Spiked Amount             | 30.000 | Range | 56 - 143 | Recovery | =    | 73.67%  |
| 63) Toluene-d8            | 10.09  | 98    | 619959   | 33.25    | ug/l | 0.00    |
| Spiked Amount             | 30.000 | Range | 66 - 137 | Recovery | =    | 110.83% |

## Target Compounds

|                            |       |     |      |       | Ovalue |    |
|----------------------------|-------|-----|------|-------|--------|----|
| 16) Carbon Disulfide       | 4.06  | 76  | 4280 | 0.335 | ug/l # | 94 |
| 18) Methylene Chloride     | 4.55  | 84  | 4393 | 0.871 | ug/l # | 83 |
| 89) 1,2,4-Trichlorobenzene | 14.90 | 180 | 356  | 6.886 | ug/l # | 87 |
| 91) Naphthalene            | 15.14 | 128 | 2974 | 0.295 | ug/l # | 70 |

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

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