

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX030818\  
 Data File : VX000220.D  
 Acq On : 08 Mar 2018 13:22  
 Operator : JC/MD  
 Sample : J1791-01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 001M-WILLETS-PT-BLVD(MAR)

Quant Time: Mar 08 16:00:45 2018  
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X022018W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Wed Feb 21 06:17:26 2018  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 5.03  | 128  | 20607    | 30.00 | ug/l  | 0.00     |
| 28) 1,4-Difluorobenzene | 6.87  | 114  | 118721   | 30.00 | ug/l  | 0.00     |
| 57) Chlorobenzene-d5    | 10.12 | 117  | 110709   | 30.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |       |          |          |      |         |
|---------------------------|--------|-------|----------|----------|------|---------|
| 27) 1,2-Dichloroethane-d4 | 6.08   | 65    | 50214    | 31.49    | ug/l | 0.00    |
| Spiked Amount             | 30.000 | Range | 50 - 169 | Recovery | =    | 104.97% |
| 60) 4-Bromofluorobenzene  | 11.15  | 95    | 52809    | 29.16    | ug/l | 0.00    |
| Spiked Amount             | 30.000 | Range | 56 - 143 | Recovery | =    | 97.20%  |
| 63) Toluene-d8            | 8.73   | 98    | 144665   | 30.51    | ug/l | 0.00    |
| Spiked Amount             | 30.000 | Range | 66 - 137 | Recovery | =    | 101.70% |

## Target Compounds

|                            |       |     |        |        | Ovalue    |
|----------------------------|-------|-----|--------|--------|-----------|
| 15) Acetone                | 2.45  | 58  | 137896 | 396.70 | ug/l 99   |
| 30) 2-Butanone             | 4.72  | 43  | 24931  | 18.73  | ug/l # 77 |
| 62) Toluene                | 8.79  | 91  | 31165  | 5.41   | ug/l 98   |
| 80) 1,2,4-Trimethylbenzene | 11.82 | 105 | 2457   | 0.42   | ug/l 66   |
| 82) p-Isopropyltoluene     | 12.07 | 119 | 7447   | 1.18   | ug/l 94   |

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

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