

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX111419\  
 Data File : VX013417.D  
 Acq On : 14 Nov 2019 13:16  
 Operator : JC/SP  
 Sample : K5834-04 10X  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 14B-4

Quant Time: Nov 15 22:53:10 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X111119W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Tue Nov 12 01:16:13 2019  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 5.00  | 128  | 107309   | 30.00 | ug/l  | 0.00     |
| 28) 1,4-Difluorobenzene | 6.85  | 114  | 591533   | 30.00 | ug/l  | 0.00     |
| 57) Chlorobenzene-d5    | 10.11 | 117  | 521137   | 30.00 | ug/l  | 0.00     |

| System Monitoring Compounds |        |       |          |          |      |        |
|-----------------------------|--------|-------|----------|----------|------|--------|
| 27) 1,2-Dichloroethane-d4   | 6.05   | 65    | 237558   | 29.98    | ug/l | 0.00   |
| Spiked Amount               | 30.000 | Range | 50 - 169 | Recovery | =    | 99.93% |
| 60) 4-Bromofluorobenzene    | 11.14  | 95    | 238723   | 28.50    | ug/l | 0.00   |
| Spiked Amount               | 30.000 | Range | 56 - 143 | Recovery | =    | 95.00% |
| 63) Toluene-d8              | 8.71   | 98    | 705065   | 29.92    | ug/l | 0.00   |
| Spiked Amount               | 30.000 | Range | 66 - 137 | Recovery | =    | 99.73% |

| Target Compounds         |      |    |        |             | Ovalue |
|--------------------------|------|----|--------|-------------|--------|
| 25) Chloroform           | 5.20 | 83 | 276893 | 22.119 ug/l | 100    |
| 41) Bromodichloromethane | 7.89 | 83 | 34798  | 3.780 ug/l  | 94     |

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

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