

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092520\  
 Data File : VX018592.D  
 Acq On : 25 Sep 2020 11:33  
 Operator : JC/SP  
 Sample : L4145-01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 CTB-WEST-(MANHOLE-1)

Quant Time: Sep 25 13:51:31 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X090420W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Fri Sep 04 12:13:41 2020  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 5.00  | 128  | 87081    | 30.00 | ug/l  | 0.02     |
| 28) 1,4-Difluorobenzene | 6.84  | 114  | 1445718  | 30.00 | ug/l  | 0.01     |
| 57) Chlorobenzene-d5    | 10.10 | 117  | 1375307  | 30.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |       |          |          |      |          |
|---------------------------|--------|-------|----------|----------|------|----------|
| 27) 1,2-Dichloroethane-d4 | 6.04   | 65    | 623728   | 90.79    | ug/l | 0.01     |
| Spiked Amount             | 30.000 | Range | 50 - 169 | Recovery | =    | 302.63%# |
| 60) 4-Bromofluorobenzene  | 11.12  | 95    | 667055   | 27.98    | ug/l | 0.00     |
| Spiked Amount             | 30.000 | Range | 56 - 143 | Recovery | =    | 93.27%   |
| 63) Toluene-d8            | 8.70   | 98    | 1737258  | 28.66    | ug/l | 0.00     |
| Spiked Amount             | 30.000 | Range | 66 - 137 | Recovery | =    | 95.53%   |

## Target Compounds

|                        |       |     |         |          | Ovalue  |
|------------------------|-------|-----|---------|----------|---------|
| 15) Acetone            | 2.46  | 58  | 5724661 | 8058.505 | ug/l 74 |
| 82) p-Isopropyltoluene | 12.05 | 119 | 69728   | 0.993    | ug/l 98 |

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

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