

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102119\  
 Data File : VX013163.D  
 Acq On : 21 Oct 2019 19:37  
 Operator : JC/SP  
 Sample : K5441-02  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 OF-2

Quant Time: Oct 22 02:30:11 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X102119W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Tue Oct 22 01:53:07 2019  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 5.01  | 128  | 29735    | 30.00 | ug/l  | 0.00     |
| 28) 1,4-Difluorobenzene | 6.85  | 114  | 165803   | 30.00 | ug/l  | 0.00     |
| 57) Chlorobenzene-d5    | 10.11 | 117  | 146080   | 30.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |       |          |          |      |         |
|---------------------------|--------|-------|----------|----------|------|---------|
| 27) 1,2-Dichloroethane-d4 | 6.05   | 65    | 69038    | 29.49    | ug/l | 0.00    |
| Spiked Amount             | 30.000 | Range | 50 - 169 | Recovery | =    | 98.30%  |
| 60) 4-Bromofluorobenzene  | 11.14  | 95    | 70508    | 27.72    | ug/l | 0.00    |
| Spiked Amount             | 30.000 | Range | 56 - 143 | Recovery | =    | 92.40%  |
| 63) Toluene-d8            | 8.71   | 98    | 196885   | 30.30    | ug/l | 0.00    |
| Spiked Amount             | 30.000 | Range | 66 - 137 | Recovery | =    | 101.00% |

## Target Compounds

|                          |      |    |      |        | Ovalue    |
|--------------------------|------|----|------|--------|-----------|
| 15) Acetone              | 2.43 | 58 | 4253 | 13.104 | ug/l 100  |
| 30) 2-Butanone           | 4.67 | 43 | 3149 | 2.331  | ug/l # 90 |
| 58) 4-Methyl-2-Pentanone | 8.64 | 43 | 7891 | 3.206  | ug/l 99   |

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

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