

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032719\  
 Data File : VX008481.D  
 Acq On : 27 Mar 2019 14:43  
 Operator : JC/SP  
 Sample : K2103-09  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TB

Manual Integrations  
 APPROVED

MMDadoda  
 3/28/2019 9:36:30 AM

Quant Time: Mar 28 04:41:14 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032719W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Wed Mar 27 12:01:15 2019  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 5.02  | 128  | 37569    | 30.00 | ug/l  | 0.00     |
| 28) 1,4-Difluorobenzene | 6.86  | 114  | 211107   | 30.00 | ug/l  | 0.00     |
| 57) Chlorobenzene-d5    | 10.11 | 117  | 180097   | 30.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |                |    |            |         |      |      |
|---------------------------|----------------|----|------------|---------|------|------|
| 27) 1,2-Dichloroethane-d4 | 6.06           | 65 | 93339      | 29.70   | ug/l | 0.00 |
| Spiked Amount 30.000      | Range 50 - 169 |    | Recovery = | 99.00%  |      |      |
| 60) 4-Bromofluorobenzene  | 11.13          | 95 | 88270m     | 28.13   | ug/l | 0.00 |
| Spiked Amount 30.000      | Range 56 - 143 |    | Recovery = | 93.77%  |      |      |
| 63) Toluene-d8            | 8.71           | 98 | 264032     | 30.89   | ug/l | 0.00 |
| Spiked Amount 30.000      | Range 66 - 137 |    | Recovery = | 102.97% |      |      |

| Target Compounds | Ovalue |
|------------------|--------|
| -----            |        |

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

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