

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020520\  
 Data File : VX014826.D  
 Acq On : 05 Feb 2020 16:41  
 Operator : JC/SP  
 Sample : L1377-04RE  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 FB-02032020RE

Manual Integrations  
 APPROVED

MMDadoda  
 2/6/2020 1:32:55 PM

Quant Time: Feb 06 04:43:10 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X011520W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Wed Jan 15 12:41:12 2020  
 Response via : Initial Calibration

| Internal Standards          | R.T.           | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|----------------|------|----------|--------|---------|----------|
| 1) Bromochloromethane       | 5.00           | 128  | 63775    | 30.00  | ug/l    | 0.00     |
| 28) 1,4-Difluorobenzene     | 6.85           | 114  | 349658   | 30.00  | ug/l    | 0.00     |
| 57) Chlorobenzene-d5        | 10.11          | 117  | 309638   | 30.00  | ug/l    | 0.00     |
| System Monitoring Compounds |                |      |          |        |         |          |
| 27) 1,2-Dichloroethane-d4   | 6.05           | 65   | 141061   | 31.47  | ug/l    | 0.00     |
| Spiked Amount 30.000        | Range 50 - 169 |      | Recovery | =      | 104.90% |          |
| 60) 4-Bromofluorobenzene    | 11.13          | 95   | 137033   | 27.66  | ug/l    | 0.00     |
| Spiked Amount 30.000        | Range 56 - 143 |      | Recovery | =      | 92.20%  |          |
| 63) Toluene-d8              | 8.71           | 98   | 412788   | 29.51  | ug/l    | 0.00     |
| Spiked Amount 30.000        | Range 66 - 137 |      | Recovery | =      | 98.37%  |          |
| Target Compounds            |                |      |          |        |         |          |
| 15) Acetone                 | 2.43           | 58   | 22647    | 30.956 | ug/l    | 83       |
| 30) 2-Butanone              | 4.67           | 43   | 19833m   | 6.105  | ug/l    |          |
| 58) 4-Methyl-2-Pentanone    | 8.64           | 43   | 15206    | 2.608  | ug/l    | 95       |

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

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