

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_L\DATA\VL112718\  
 Data File : VL032819.D  
 Acq On : 27 Nov 2018 22:47  
 Operator : SY/AP  
 Sample : J6046-02DL 10X  
 Misc : 400ml/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 EP2-SV-03DL

Manual Integrations  
 APPROVED

MMDadoda  
 11/28/2018 4:21:32 PM

Quant Time: Nov 28 15:55:48 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_L\METHODS\VL111418AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Wed Nov 14 07:00:23 2018  
 QLast Update : Wed Nov 14 07:00:23 2018  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 5.77  | 49   | 1212139  | 10.00 | ppbv  | 0.00     |
| 33) 1,4-Difluorobenzene | 7.30  | 114  | 3177439  | 10.00 | ppbv  | 0.00     |
| 55) Chlorobenzene-d5    | 12.25 | 117  | 2945310  | 10.00 | ppbv  | 0.00     |

|                             |        |       |          |          |      |        |
|-----------------------------|--------|-------|----------|----------|------|--------|
| System Monitoring Compounds |        |       |          |          |      |        |
| 68) 1-Bromo-4-Fluorobenzene | 14.59  | 95    | 2147643  | 9.75     | ppbv | 0.00   |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 97.50% |

| Target Compounds           | R.T.  | QIon | Response | Conc  | Units  | Qvalue |
|----------------------------|-------|------|----------|-------|--------|--------|
| 2) Dichlorodifluoromethane | 3.08  | 85   | 18764    | 0.11  | ppbv   | 93     |
| 3) Chlorodifluoromethane   | 3.02  | 51   | 1260142  | 13.11 | ppbv   | 99     |
| 9) Propene                 | 3.05  | 41   | 100411   | 2.61  | ppbv   | 98     |
| 11) Trichlorofluoromethane | 4.01  | 101  | 118644   | 0.72  | ppbv   | 98     |
| 13) Ethanol                | 3.66  | 45   | 151294m  | 12.01 | ppbv   |        |
| 15) Acetone                | 3.91  | 43   | 377863   | 3.41  | ppbv # | 65     |
| 19) Isopropyl Alcohol      | 4.07  | 45   | 118078m  | 1.60  | ppbv   |        |
| 34) 2-Butanone             | 5.34  | 43   | 1447472  | 8.78  | ppbv   | 100    |
| 41) Tetrahydrofuran        | 6.18  | 42   | 32776    | 0.35  | ppbv   | 100    |
| 52) Tetrachloroethene      | 11.39 | 164  | 145132   | 1.65  | ppbv   | 96     |
| 53) Toluene                | 9.96  | 91   | 56188m   | 0.21  | ppbv   |        |

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

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