

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL010419\  
 Data File : VL033077.D  
 Acq On : 4 Jan 2019 21:03  
 Operator : SY/AP  
 Sample : J6594-02DL 10X  
 Misc : 400ml/MSVOA L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 SVI-OA1-2018-12-19DL

Manual Integrations  
 APPROVED

MMDadoda  
 1/8/2019 12:01:26 AM

Quant Time: Jan 05 03:00:27 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL010419AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Fri Jan 0  
 QLast Update : Fri Jan 04 16:09:05 2019  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 5.77  | 49   | 1036392  | 10.00 | ppbv  | 0.00     |
| 33) 1,4-Difluorobenzene | 7.29  | 114  | 2463058  | 10.00 | ppbv  | 0.00     |
| 55) Chlorobenzene-d5    | 12.24 | 117  | 2298983  | 10.00 | ppbv  | 0.00     |

System Monitoring Compounds

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| 68) 1-Bromo-4-Fluorobenzene | 14.58  | 95    | 1769281  | 10.04    | ppbv | 0.00    |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 100.40% |

| Target Compounds       | R.T. | QIon | Response | Conc  | Units | Ovalue |
|------------------------|------|------|----------|-------|-------|--------|
| 9) Propene             | 3.05 | 41   | 11325m   | 0.258 | ppbv  |        |
| 13) Ethanol            | 3.67 | 45   | 24639m   | 1.410 | ppbv  |        |
| 15) Acetone            | 3.92 | 43   | 72575    | 0.506 | ppbv  | 96     |
| 20) Methylene Chloride | 4.42 | 84   | 32397    | 0.542 | ppbv  | 94     |
| 26) Hexane             | 5.79 | 57   | 18251m   | 0.160 | ppbv  |        |
| 53) Toluene            | 9.95 | 91   | 47785m   | 0.221 | ppbv  |        |

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

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