

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062918\  
 Data File : VL032158.D  
 Acq On : 30 Jun 2018 6:34  
 Operator : SY/AP  
 Sample : J3601-01DL 10X  
 Misc : 400ml/MSVOA L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 OUTDOOR-1DL

Manual Integrations  
 APPROVED

MMDadoda  
 7/2/2018 4:25:32 PM

Quant Time: Jul 02 00:55:11 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL062918AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Fri Jun 29 22:27:58 2018  
 QLast Update : Fri Jun 29 22:27:58 2018  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 5.85  | 49   | 1754402  | 10.00 | ppbv  | -0.02    |
| 33) 1,4-Difluorobenzene | 7.38  | 114  | 4426763  | 10.00 | ppbv  | -0.02    |
| 55) Chlorobenzene-d5    | 12.34 | 117  | 4017302  | 10.00 | ppbv  | -0.02    |

System Monitoring Compounds

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| 68) 1-Bromo-4-Fluorobenzene | 14.68  | 95    | 3101820  | 10.10    | ppbv | -0.02   |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 101.00% |

| Target Compounds       | R.T.  | QIon | Response | Conc | Units | Ovalue |
|------------------------|-------|------|----------|------|-------|--------|
| 13) Ethanol            | 3.73  | 45   | 17091m   | 0.56 | ppbv  |        |
| 15) Acetone            | 3.98  | 43   | 92274    | 0.45 | ppbv  | 95     |
| 20) Methylene Chloride | 4.48  | 84   | 48510    | 0.65 | ppbv  | 89     |
| 26) Hexane             | 5.86  | 57   | 54348m   | 0.28 | ppbv  |        |
| 53) Toluene            | 10.05 | 91   | 69535m   | 0.13 | ppbv  |        |

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

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