

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL060118\  
 Data File : VL032042.D  
 Acq On : 2 Jun 2018 4:48  
 Operator : SY/AP  
 Sample : J3225-01DL 40X  
 Misc : 400ml/MSVOA L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 SV1DL

Manual Integrations  
 APPROVED

MMDadoda  
 6/4/2018 3:35:58 PM

Quant Time: Jun 03 14:05:17 2018  
 Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL053118AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Fri Jun 0  
 QLast Update : Fri Jun 01 02:31:35 2018  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 5.86  | 49   | 1327855  | 10.00 | ppbv  | 0.00     |
| 33) 1,4-Difluorobenzene | 7.40  | 114  | 3173170  | 10.00 | ppbv  | 0.00     |
| 55) Chlorobenzene-d5    | 12.36 | 117  | 2435566  | 10.00 | ppbv  | 0.00     |

System Monitoring Compounds

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| 68) 1-Bromo-4-Fluorobenzene | 14.70  | 95    | 1934413  | 10.28    | ppbv | 0.00    |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 102.80% |

| Target Compounds       | R.T.  | QIon | Response | Conc | Units  | Ovalue |
|------------------------|-------|------|----------|------|--------|--------|
| 9) Propene             | 3.11  | 41   | 24238m   | 0.59 | ppbv   |        |
| 13) Ethanol            | 3.73  | 45   | 37200m   | 2.33 | ppbv   |        |
| 15) Acetone            | 3.98  | 43   | 1455975  | 9.09 | ppbv   | 97     |
| 17) tert-Butyl alcohol | 4.47  | 59   | 44907    | 0.58 | ppbv # | 88     |
| 19) Isopropyl Alcohol  | 4.13  | 45   | 29163    | 0.28 | ppbv # | 95     |
| 26) Hexane             | 5.88  | 57   | 14818    | 0.10 | ppbv # | 46     |
| 27) Carbon Disulfide   | 4.72  | 76   | 27388    | 0.14 | ppbv # | 63     |
| 34) 2-Butanone         | 5.44  | 43   | 140964   | 0.56 | ppbv   | 97     |
| 52) Tetrachloroethene  | 11.50 | 164  | 175323   | 1.58 | ppbv   | 99     |

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

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