

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032921\  
 Data File : VL036540.D  
 Acq On : 29 Mar 2021 15:23  
 Operator : SY/AP  
 Sample : M1760-02DUP  
 Misc : 400mL/MSVOA L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 IAS-3-CAFETERIADUP

Manual Integrations  
 APPROVED

MMDadoda  
 3/30/2021 7:44:06 PM

Quant Time: Mar 30 11:20:24 2021  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Thu Mar 25 2021  
 QLast Update : Thu Mar 25 09:42:40 2021  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 5.66  | 49   | 1466806  | 10.00 | ppbv  | 0.00     |
| 33) 1,4-Difluorobenzene | 7.17  | 114  | 3324214  | 10.00 | ppbv  | 0.00     |
| 55) Chlorobenzene-d5    | 12.08 | 117  | 2893326  | 10.00 | ppbv  | -0.01    |

| System Monitoring Compounds |        |       |          |          |      |        |
|-----------------------------|--------|-------|----------|----------|------|--------|
| 68) 1-Bromo-4-Fluorobenzene | 14.41  | 95    | 2281125  | 9.89     | ppbv | -0.01  |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 98.90% |

| Target Compounds           | R.T.  | QIon | Response | Conc   | Units  | Ovalue |
|----------------------------|-------|------|----------|--------|--------|--------|
| 2) Dichlorodifluoromethane | 3.05  | 85   | 43245m   | 0.181  | ppbv   |        |
| 3) Chlorodifluoromethane   | 2.98  | 51   | 95231m   | 0.347  | ppbv   |        |
| 4) Chloromethane           | 3.14  | 50   | 45602    | 0.471  | ppbv   | 91     |
| 9) Propene                 | 3.02  | 41   | 56288    | 0.644  | ppbv   | 83     |
| 11) Trichlorofluoromethane | 3.94  | 101  | 49890    | 0.205  | ppbv   | 84     |
| 13) Ethanol                | 3.61  | 45   | 702432   | 67.516 | ppbv   | 95     |
| 15) Acetone                | 3.85  | 43   | 926411   | 6.417  | ppbv   | 97     |
| 19) Isopropyl Alcohol      | 3.97  | 45   | 324881   | 4.091  | ppbv # | 95     |
| 20) Methylene Chloride     | 4.34  | 84   | 893631   | 13.221 | ppbv   | 98     |
| 26) Hexane                 | 5.68  | 57   | 1580526  | 9.923  | ppbv # | 47     |
| 34) 2-Butanone             | 5.25  | 43   | 53797    | 0.332  | ppbv # | 89     |
| 35) Carbon Tetrachloride   | 7.01  | 117  | 17462m   | 0.068  | ppbv   |        |
| 36) Benzene                | 6.89  | 78   | 59266m   | 0.193  | ppbv   |        |
| 53) Toluene                | 9.80  | 91   | 710484   | 2.176  | ppbv   | 99     |
| 59) m/p-Xylene             | 12.96 | 91   | 62301m   | 0.170  | ppbv   |        |

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

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