

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051821\  
 Data File : VL036979.D  
 Acq On : 18 May 2021 21:37  
 Operator : SY/AP  
 Sample : M2430-03DL 10X  
 Misc : 400mL/MSVOA L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 SV1DL

Manual Integrations  
 APPROVED

MMDadoda  
 5/20/2021 5:56:06 PM

Quant Time: May 20 16:20:04 2021  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051821AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Tue May 18 2021  
 QLast Update : Tue May 18 12:00:15 2021  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 5.65  | 49   | 1323548  | 10.00 | ppbv  | 0.00     |
| 33) 1,4-Difluorobenzene | 7.16  | 114  | 3831489  | 10.00 | ppbv  | 0.00     |
| 55) Chlorobenzene-d5    | 12.07 | 117  | 3493495  | 10.00 | ppbv  | 0.00     |

| System Monitoring Compounds |        |       |          |          |      |        |
|-----------------------------|--------|-------|----------|----------|------|--------|
| 68) 1-Bromo-4-Fluorobenzene | 14.39  | 95    | 2601699  | 9.91     | ppbv | 0.00   |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 99.10% |

| Target Compounds           | R.T.  | QIon | Response | Conc   | Units  | Ovalue |
|----------------------------|-------|------|----------|--------|--------|--------|
| 3) Chlorodifluoromethane   | 2.98  | 51   | 156375   | 0.645  | ppbv # | 90     |
| 9) Propene                 | 3.00  | 41   | 26464    | 0.305  | ppbv   | 85     |
| 13) Ethanol                | 3.61  | 45   | 125621m  | 10.844 | ppbv   |        |
| 15) Acetone                | 3.83  | 43   | 2514987  | 18.552 | ppbv   | 96     |
| 19) Isopropyl Alcohol      | 3.98  | 45   | 90670m   | 1.244  | ppbv   |        |
| 20) Methylene Chloride     | 4.33  | 84   | 108103   | 1.488  | ppbv   | 98     |
| 26) Hexane                 | 5.67  | 57   | 80931m   | 0.486  | ppbv   |        |
| 29) Chloroform             | 5.74  | 83   | 46781    | 0.199  | ppbv   | 84     |
| 34) 2-Butanone             | 5.24  | 43   | 94999m   | 0.681  | ppbv   |        |
| 38) Trichloroethene        | 7.81  | 130  | 74192m   | 0.526  | ppbv   |        |
| 52) Tetrachloroethene      | 11.20 | 164  | 2007844  | 15.299 | ppbv   | 96     |
| 53) Toluene                | 9.79  | 91   | 57353m   | 0.146  | ppbv   |        |
| 59) m/p-Xylene             | 12.95 | 91   | 77582m   | 0.190  | ppbv   |        |
| 74) 1,2,4-Trimethylbenzene | 16.74 | 105  | 61721    | 0.138  | ppbv # | 70     |

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

