

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL060821\  
 Data File : VL037139.D  
 Acq On : 8 Jun 2021 19:38  
 Operator : SY/AP  
 Sample : M2614-05DL 10X  
 Misc : 400mL/MSVOA L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 SR-6CDL

Manual Integrations  
 APPROVED

MMDadoda  
 6/9/2021 4:23:52 PM

Quant Time: Jun 09 03:15:21 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   | 5.67  | 49   | 1299095  | 10.00 | ppbv  | 0.02     |
| 33) 1,4-Difluorobenzene | 7.17  | 114  | 3796545  | 10.00 | ppbv  | 0.02     |
| 55) Chlorobenzene-d5    | 12.08 | 117  | 3468730  | 10.00 | ppbv  | 0.02     |

System Monitoring Compounds

|                             |        |       |          |          |      |        |
|-----------------------------|--------|-------|----------|----------|------|--------|
| 68) 1-Bromo-4-Fluorobenzene | 14.41  | 95    | 2466022  | 9.46     | ppbv | 0.02   |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 94.60% |

| Target Compounds         | R.T. | QIon | Response | Conc    | Units  | Ovalue |
|--------------------------|------|------|----------|---------|--------|--------|
| 3) Chlorodifluoromethane | 2.98 | 51   | 59634    | 0.251   | ppbv   | 93     |
| 9) Propene               | 3.02 | 41   | 28348m   | 0.333   | ppbv   |        |
| 13) Ethanol              | 3.60 | 45   | 1791441  | 157.548 | ppbv   | 99     |
| 15) Acetone              | 3.85 | 43   | 197420   | 1.484   | ppbv # | 80     |
| 19) Isopropyl Alcohol    | 3.97 | 45   | 264762m  | 3.702   | ppbv   |        |
| 20) Methylene Chloride   | 4.34 | 84   | 59397    | 0.833   | ppbv   | 97     |
| 25) Ethyl Acetate        | 5.68 | 43   | 69612m   | 0.218   | ppbv   |        |
| 34) 2-Butanone           | 5.25 | 43   | 27874m   | 0.202   | ppbv   |        |
| 36) Benzene              | 6.88 | 78   | 113395   | 0.347   | ppbv   | 96     |
| 53) Toluene              | 9.81 | 91   | 48379m   | 0.124   | ppbv   |        |

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

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