

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062921\  
 Data File : VL037255.D  
 Acq On : 29 Jun 2021 18:54  
 Operator : SY/AP  
 Sample : M2887-04DL 40X  
 Misc : 400mL/MSVOA L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 SV-4DL

Manual Integrations  
 APPROVED

MMDadoda  
 7/5/2021 3:38:35 PM

Quant Time: Jun 30 06:36:20 2021  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061621AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_LWed Jun 1  
 QLast Update : Wed Jun 16 14:06:32 2021  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 5.66  | 49   | 1694606  | 10.00 | ppbv  | -0.01    |
| 33) 1,4-Difluorobenzene | 7.17  | 114  | 4842362  | 10.00 | ppbv  | -0.02    |
| 55) Chlorobenzene-d5    | 12.08 | 117  | 4321121  | 10.00 | ppbv  | -0.02    |

| System Monitoring Compounds |        | R.T.  | QIon     | Response | Conc | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|------|--------|----------|
| 68) 1-Bromo-4-Fluorobenzene | 14.41  | 95    | 3265641  | 9.97     | ppbv | -0.02  |          |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 99.70% |          |

| Target Compounds       | R.T.  | QIon | Response | Conc  | Units  | Ovalue |
|------------------------|-------|------|----------|-------|--------|--------|
| 9) Propene             | 3.01  | 41   | 611947   | 5.808 | ppbv   | 94     |
| 10) Heptane            | 8.12  | 43   | 43345m   | 0.170 | ppbv   |        |
| 13) Ethanol            | 3.63  | 45   | 25009m   | 1.534 | ppbv   |        |
| 15) Acetone            | 3.85  | 43   | 716308m  | 3.748 | ppbv   |        |
| 19) Isopropyl Alcohol  | 4.00  | 45   | 13793m   | 0.119 | ppbv   |        |
| 20) Methylene Chloride | 4.34  | 84   | 275499   | 2.408 | ppbv   | 97     |
| 26) Hexane             | 5.68  | 57   | 207128   | 0.991 | ppbv # | 46     |
| 34) 2-Butanone         | 5.26  | 43   | 368127   | 1.955 | ppbv   | 96     |
| 36) Benzene            | 6.88  | 78   | 61178m   | 0.156 | ppbv   |        |
| 51) 2-Hexanone         | 10.16 | 43   | 46997m   | 0.373 | ppbv   |        |
| 53) Toluene            | 9.81  | 91   | 67877m   | 0.145 | ppbv   |        |

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

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