

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL102721\  
 Data File : VL037919.D  
 Acq On : 27 Oct 2021 17:01  
 Operator : SY/AP  
 Sample : M4377-01DL 10X  
 Misc : 400mL/MSVOA L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA L  
 ClientSampleId :  
 VMP-5-MANIFOLDDL

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/28/2021  
 Supervised By :Mahesh Dadoda 10/29/2021

Quant Time: Oct 28 06:55:56 2021  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL100421A  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:  
 QLast Update : Mon Oct 04 17:43:54 2021  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 5.68  | 49   | 1418372  | 10.00 | ppbv  | 0.01     |
| 33) 1,4-Difluorobenzene | 7.19  | 114  | 4037483  | 10.00 | ppbv  | 0.01     |
| 55) Chlorobenzene-d5    | 12.10 | 117  | 3453222  | 10.00 | ppbv  | 0.01     |

## System Monitoring Compounds

|                             |        |       |          |          |      |        |
|-----------------------------|--------|-------|----------|----------|------|--------|
| 68) 1-Bromo-4-Fluorobenzene | 14.43  | 95    | 2331567  | 9.66     | ppbv | 0.00   |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 96.60% |

## Target Compounds

|                        |      |    |         |        |      | Ovalue |
|------------------------|------|----|---------|--------|------|--------|
| 9) Propene             | 3.22 | 41 | 262447  | 2.617  | ppbv | 94     |
| 13) Ethanol            | 3.62 | 45 | 606969m | 74.014 | ppbv |        |
| 15) Acetone            | 3.87 | 43 | 157171m | 1.234  | ppbv |        |
| 19) Isopropyl Alcohol  | 3.99 | 45 | 249747m | 3.153  | ppbv |        |
| 20) Methylene Chloride | 4.36 | 84 | 70230   | 1.092  | ppbv | 87     |
| 26) Hexane             | 5.70 | 57 | 47100m  | 0.268  | ppbv |        |
| 29) Chloroform         | 5.76 | 83 | 58051   | 0.231  | ppbv | 97     |
| 34) 2-Butanone         | 5.27 | 43 | 22732m  | 0.139  | ppbv |        |
| 41) Tetrahydrofuran    | 6.09 | 42 | 7960m   | 0.100  | ppbv |        |

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

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