

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL121421\  
 Data File : VL038168.D  
 Acq On : 14 Dec 2021 16:07  
 Operator : SY/AP  
 Sample : M5045-01DL 10X  
 Misc : 400mL/MSVOA L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 IA-6BDL

Manual Integrations  
 APPROVED

Reviewed By :Amit Patel 12/15/2021  
 Supervised By :Semsettin Yesilyurt 12/16/2021

Quant Time: Dec 15 06:10:35 2021  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111821A  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:  
 QLast Update : Thu Nov 18 13:16:09 2021  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 5.63  | 49   | 1078519  | 10.00 | ppbv  | -0.04    |
| 33) 1,4-Difluorobenzene | 7.14  | 114  | 2794824  | 10.00 | ppbv  | -0.04    |
| 55) Chlorobenzene-d5    | 12.04 | 117  | 2406459  | 10.00 | ppbv  | -0.04    |

## System Monitoring Compounds

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| 68) 1-Bromo-4-Fluorobenzene | 14.37  | 95    | 1802474  | 10.38    | ppbv | -0.04   |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 103.80% |

## Target Compounds

|                        |      |    |        |        |        | Ovalue |
|------------------------|------|----|--------|--------|--------|--------|
| 13) Ethanol            | 3.59 | 45 | 102000 | 12.654 | ppbv   | 99     |
| 15) Acetone            | 3.83 | 43 | 86978  | 0.930  | ppbv   | 98     |
| 19) Isopropyl Alcohol  | 3.96 | 45 | 91660m | 1.357  | ppbv   |        |
| 20) Methylene Chloride | 4.32 | 84 | 524931 | 10.022 | ppbv   | 96     |
| 26) Hexane             | 5.65 | 57 | 457889 | 3.057  | ppbv # | 46     |

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

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