

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL112321\  
 Data File : VL038112.D  
 Acq On : 23 Nov 2021 23:11  
 Operator : SY/AP  
 Sample : M4805-12DL2 40X  
 Misc : 400mL/MSVOA L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 IA-CURVY-BRIDEDL2

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/29/2021  
 Supervised By :Mahesh Dadoda 11/29/2021

Quant Time: Nov 28 12:01:10 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   | 5.66  | 49   | 860764   | 10.00 | ppbv  | 0.00     |
| 33) 1,4-Difluorobenzene | 7.16  | 114  | 2435271  | 10.00 | ppbv  | -0.01    |
| 55) Chlorobenzene-d5    | 12.07 | 117  | 2099307  | 10.00 | ppbv  | -0.01    |

System Monitoring Compounds

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| 68) 1-Bromo-4-Fluorobenzene | 14.39  | 95    | 1667285  | 11.01    | ppbv | -0.02   |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 110.10% |

| Target Compounds      | R.T. | QIon | Response | Conc    | Units  | Ovalue |
|-----------------------|------|------|----------|---------|--------|--------|
| 13) Ethanol           | 3.60 | 45   | 1261268  | 196.050 | ppbv   | 89     |
| 15) Acetone           | 3.85 | 43   | 333773   | 4.472   | ppbv   | 98     |
| 19) Isopropyl Alcohol | 3.97 | 45   | 417623   | 7.745   | ppbv # | 97     |
| 25) Ethyl Acetate     | 5.67 | 43   | 60822m   | 0.245   | ppbv   |        |

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

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