

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030620\  
 Data File : VL034833.D  
 Acq On : 7 Mar 2020 2:55  
 Operator : SY/AP  
 Sample : L1698-07DL2 600X  
 Misc : 400ml/MSVOA L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 SS-1-4DL2

Manual Integrations  
 APPROVED

Quant Time: Mar 07 09:46:24 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL030420AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Wed Mar 07 09:46:24 2020  
 QLast Update : Wed Mar 04 06:36:39 2020  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 5.66  | 49   | 905138   | 10.00 | ppbv  | -0.03    |
| 33) 1,4-Difluorobenzene | 7.18  | 114  | 2044610  | 10.00 | ppbv  | -0.03    |
| 55) Chlorobenzene-d5    | 12.11 | 117  | 2023213  | 10.00 | ppbv  | -0.03    |

## System Monitoring Compounds

|                             |        |       |          |          |      |        |          |
|-----------------------------|--------|-------|----------|----------|------|--------|----------|
| 68) 1-Bromo-4-Fluorobenzene | 14.45  | 95    | 1600205  | 9.49     | ppbv | -0.03  | MMDadoda |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 94.90% |          |

## Target Compounds

| Target Compounds           | R.T.  | QIon | Response | Conc  | Units  | Ovalue |
|----------------------------|-------|------|----------|-------|--------|--------|
| 5) Vinyl Chloride          | 3.22  | 62   | 126238   | 2.151 | ppbv   | 94     |
| 9) Propene                 | 2.97  | 41   | 23872    | 0.588 | ppbv   | 94     |
| 26) Hexane                 | 5.68  | 57   | 57407    | 0.702 | ppbv # | 41     |
| 30) Cyclohexane            | 7.13  | 84   | 26778m   | 0.428 | ppbv   |        |
| 31) cis-1,2-Dichloroethene | 5.54  | 61   | 753032   | 8.973 | ppbv   | 98     |
| 32) 1,1,1-Trichloroethane  | 6.50  | 97   | 36985m   | 0.272 | ppbv   |        |
| 36) Benzene                | 6.89  | 78   | 376199   | 2.153 | ppbv   | 98     |
| 38) Trichloroethene        | 7.84  | 130  | 36304    | 0.533 | ppbv   | 91     |
| 53) Toluene                | 9.82  | 91   | 509545   | 2.756 | ppbv   | 99     |
| 58) Ethyl Benzene          | 12.73 | 91   | 105526m  | 0.423 | ppbv   |        |
| 59) m/p-Xylene             | 12.99 | 91   | 93805m   | 0.435 | ppbv   |        |
| 60) o-Xylene               | 13.72 | 91   | 45768m   | 0.210 | ppbv   |        |
| 61) Styrene                | 13.55 | 104  | 42942m   | 0.317 | ppbv   |        |

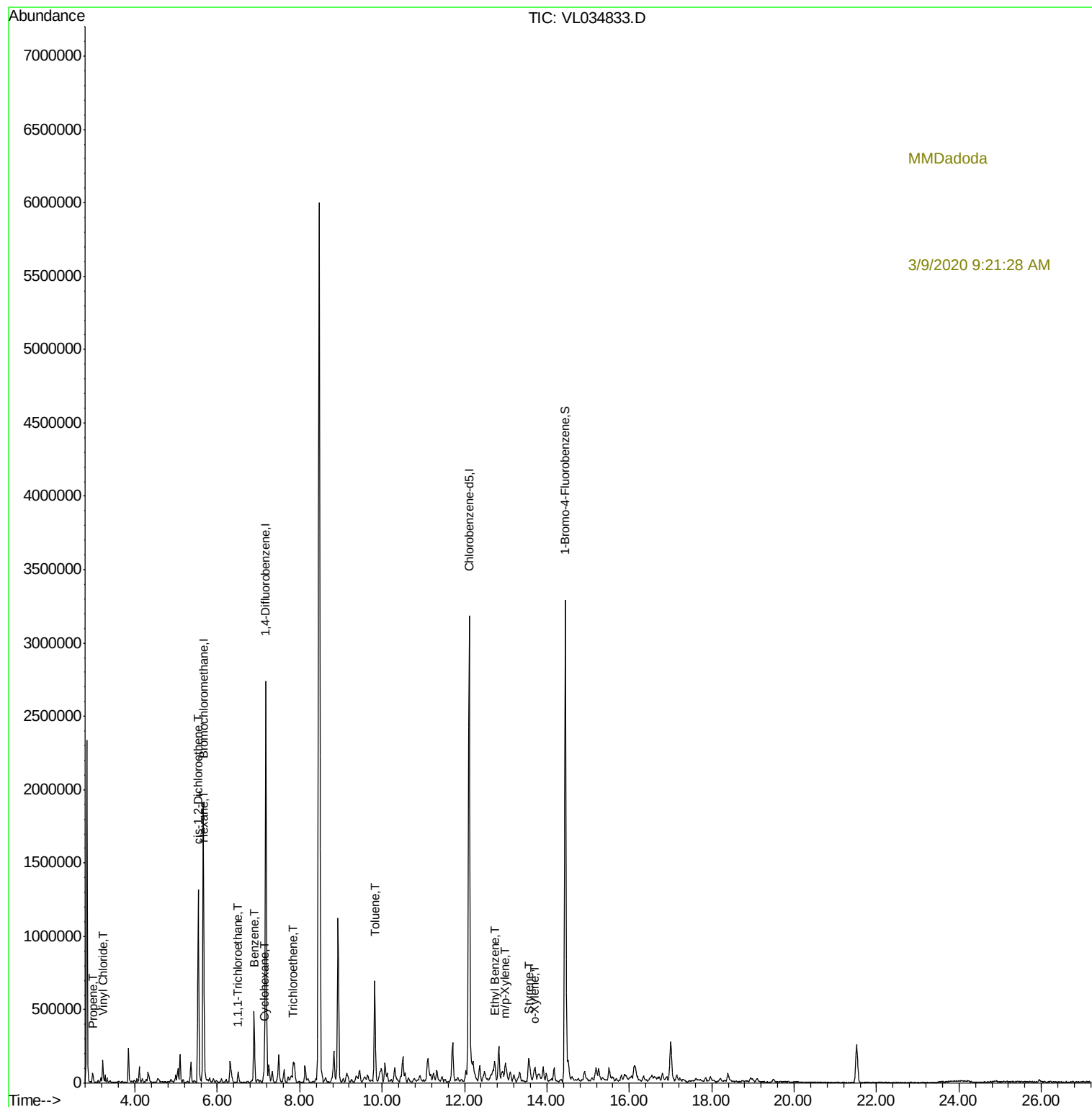
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MMDadoda

3/9/2020 9:21:28 AM