

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030222\  
 Data File : VL038485.D  
 Acq On : 2 Mar 2022 17:12  
 Operator : SY/AP  
 Sample : N1724-01DL 40X  
 Misc : 400mL/MSVOA L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA L  
 ClientSampleId :  
 SV-02DL

Manual Integrations  
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/03/2022  
 Supervised By : Mahesh Dadoda 03/07/2022

Quant Time: Mar 02 23:33:34 2022  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL022222A  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:  
 QLast Update : Tue Feb 22 19:45:51 2022  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 5.67  | 49   | 973853   | 10.00 | ppbv  | 0.02     |
| 33) 1,4-Difluorobenzene | 7.18  | 114  | 2269017  | 10.00 | ppbv  | 0.02     |
| 55) Chlorobenzene-d5    | 12.08 | 117  | 2014614  | 10.00 | ppbv  | 0.03     |

## System Monitoring Compounds

|                             |        |       |          |          |      |        |
|-----------------------------|--------|-------|----------|----------|------|--------|
| 68) 1-Bromo-4-Fluorobenzene | 14.41  | 95    | 1661035m | 9.96     | ppbv | 0.02   |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 99.60% |

## Target Compounds

|                              |       |     |          |        |        | Ovalue |
|------------------------------|-------|-----|----------|--------|--------|--------|
| 5) Vinyl Chloride            | 3.27  | 62  | 198902   | 3.184  | ppbv   | 97     |
| 9) Propene                   | 3.03  | 41  | 3503964m | 61.713 | ppbv   |        |
| 10) Heptane                  | 8.13  | 43  | 17246m   | 0.125  | ppbv   |        |
| 13) Ethanol                  | 3.63  | 45  | 14930m   | 2.635  | ppbv   |        |
| 15) Acetone                  | 3.88  | 43  | 566182   | 6.837  | ppbv # | 76     |
| 19) Isopropyl Alcohol        | 4.00  | 45  | 15634m   | 0.326  | ppbv   |        |
| 20) Methylene Chloride       | 4.35  | 84  | 12366    | 0.301  | ppbv # | 86     |
| 22) trans-1,2-Dichloroethene | 4.89  | 96  | 8423m    | 0.176  | ppbv   |        |
| 26) Hexane                   | 5.69  | 57  | 45263    | 0.449  | ppbv # | 51     |
| 31) cis-1,2-Dichloroethene   | 5.55  | 61  | 508237   | 5.206  | ppbv   | 98     |
| 34) 2-Butanone               | 5.27  | 43  | 40680    | 0.570  | ppbv   | 92     |
| 36) Benzene                  | 6.89  | 78  | 26583m   | 0.133  | ppbv   |        |
| 38) Trichloroethene          | 7.83  | 130 | 148850   | 2.046  | ppbv   | 95     |
| 52) Tetrachloroethene        | 11.22 | 164 | 58044    | 0.875  | ppbv   | 95     |

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

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