

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_L\DATA\VL032322\  
 Data File : VL038736.D  
 Acq On : 24 Mar 2022 4:28  
 Operator : SY/AP  
 Sample : N2051-01  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 C0P91

Manual Integrations  
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/24/2022  
 Supervised By : Mahesh Dadoda 03/28/2022

Quant Time: Mar 27 16:26:42 2022  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_L\METHODS\VL032122A  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:  
 QLast Update : Mon Mar 21 17:09:26 2022  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 5.67  | 49   | 719184   | 10.00 | ppbv  | 0.00     |
| 33) 1,4-Difluorobenzene | 7.17  | 114  | 1923050  | 10.00 | ppbv  | 0.00     |
| 55) Chlorobenzene-d5    | 12.08 | 117  | 1789507  | 10.00 | ppbv  | 0.00     |

## System Monitoring Compounds

|                             |        |       |          |          |      |        |
|-----------------------------|--------|-------|----------|----------|------|--------|
| 68) 1-Bromo-4-Fluorobenzene | 14.41  | 95    | 1259062  | 9.18     | ppbv | 0.00   |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 91.80% |

## Target Compounds

|                            | R.T.  | QIon | Response | Conc  | Units  | Qvalue |
|----------------------------|-------|------|----------|-------|--------|--------|
| 2) Dichlorodifluoromethane | 3.05  | 85   | 24107    | 0.25  | ppbv   | 97     |
| 3) Chlorodifluoromethane   | 2.99  | 51   | 23209    | 0.31  | ppbv   | 96     |
| 4) Chloromethane           | 3.14  | 50   | 7348m    | 0.18  | ppbv   |        |
| 9) Propene                 | 3.02  | 41   | 52363    | 1.43  | ppbv   | 97     |
| 11) Trichlorofluoromethane | 3.96  | 101  | 24047    | 0.28  | ppbv   | 91     |
| 13) Ethanol                | 3.60  | 45   | 115814   | 28.63 | ppbv   | 93     |
| 15) Acetone                | 3.85  | 43   | 1275941  | 20.56 | ppbv # | 88     |
| 17) tert-Butyl alcohol     | 4.30  | 59   | 35845    | 0.66  | ppbv # | 91     |
| 19) Isopropyl Alcohol      | 3.97  | 45   | 32105    | 0.93  | ppbv # | 91     |
| 20) Methylene Chloride     | 4.35  | 84   | 123958   | 4.74  | ppbv   | 94     |
| 26) Hexane                 | 5.69  | 57   | 89834    | 1.28  | ppbv # | 42     |
| 27) Carbon Disulfide       | 4.55  | 76   | 14550    | 0.21  | ppbv # | 93     |
| 29) Chloroform             | 5.75  | 83   | 1877789  | 16.77 | ppbv   | 99     |
| 32) 1,1,1-Trichloroethane  | 6.51  | 97   | 4931m    | 0.05  | ppbv   |        |
| 34) 2-Butanone             | 5.24  | 43   | 1345491  | 17.68 | ppbv   | 100    |
| 35) Carbon Tetrachloride   | 7.02  | 117  | 4449m    | 0.04  | ppbv   |        |
| 36) Benzene                | 6.89  | 78   | 21603    | 0.15  | ppbv   | 98     |
| 38) Trichloroethene        | 7.83  | 130  | 2263m    | 0.04  | ppbv   |        |
| 51) 2-Hexanone             | 10.13 | 43   | 147442   | 1.45  | ppbv # | 97     |
| 52) Tetrachloroethene      | 11.22 | 164  | 745497   | 13.73 | ppbv   | 97     |
| 53) Toluene                | 9.81  | 91   | 74130    | 0.46  | ppbv   | 99     |
| 59) m/p-Xylene             | 12.96 | 91   | 33511m   | 0.18  | ppbv   |        |

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

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