

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL032822\  
 Data File : VL038789.D  
 Acq On : 29 Mar 2022 2:57  
 Operator : SY/AP  
 Sample : N2136-02DL 5X  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 SV1DL

Manual Integrations  
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/29/2022  
 Supervised By : Mahesh Dadoda 03/29/2022

Quant Time: Mar 29 06:15:13 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_L\METHODS\VL032122AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Mon Mar 29 2022

QLast Update : Mon Mar 21 17:09:26 2022

Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Bromochloromethane       | 5.658  | 49    | 932037   | 10.000   | ppbv   | 0.00     |
| 33) 1,4-Difluorobenzene     | 7.166  | 114   | 2699185  | 10.000   | ppbv   | 0.00     |
| 55) Chlorobenzene-d5        | 12.073 | 117   | 2464527  | 10.000   | ppbv   | 0.00     |
|                             |        |       |          |          |        |          |
| System Monitoring Compounds |        |       |          |          |        |          |
| 68) 1-Bromo-4-Fluorobenzene | 14.400 | 95    | 1801198  | 9.533    | ppbv   | 0.00     |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =      | 95.300%  |
|                             |        |       |          |          |        |          |
| Target Compounds            |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane  | 3.054  | 85    | 16828    | 0.134    | ppbv   | 90       |
| 3) Chlorodifluoromethane    | 2.993  | 51    | 17709m   | 0.180    | ppbv   |          |
| 7) Chloroethane             | 3.562  | 64    | 2870m    | 0.158    | ppbv   |          |
| 9) Propene                  | 3.028  | 41    | 222985   | 4.692    | ppbv # | 62       |
| 10) Heptane                 | 8.111  | 43    | 143393   | 1.262    | ppbv   | 98       |
| 13) Ethanol                 | 3.616  | 45    | 15896m   | 3.032    | ppbv   |          |
| 15) Acetone                 | 3.851  | 43    | 270358m  | 3.362    | ppbv   |          |
| 17) tert-Butyl alcohol      | 4.311  | 59    | 33717    | 0.480    | ppbv # | 90       |
| 19) Isopropyl Alcohol       | 3.986  | 45    | 8597m    | 0.193    | ppbv   |          |
| 20) Methylene Chloride      | 4.343  | 84    | 34643    | 1.023    | ppbv   | 92       |
| 23) Vinyl Acetate           | 5.066  | 43    | 364882   | 4.685    | ppbv # | 96       |
| 26) Hexane                  | 5.681  | 57    | 975429   | 10.762   | ppbv # | 28       |
| 28) Methyl tert-Butyl Ether | 5.037  | 73    | 42873    | 0.635    | ppbv   | 99       |
| 29) Chloroform              | 5.745  | 83    | 55068    | 0.379    | ppbv   | 84       |
| 30) Cyclohexane             | 7.121  | 84    | 35325m   | 0.448    | ppbv   |          |
| 34) 2-Butanone              | 5.250  | 43    | 69263m   | 0.648    | ppbv   |          |
| 36) Benzene                 | 6.883  | 78    | 32232    | 0.155    | ppbv # | 92       |
| 51) 2-Hexanone              | 10.137 | 43    | 40451m   | 0.284    | ppbv   |          |
| 52) Tetrachloroethene       | 11.211 | 164   | 43634    | 0.572    | ppbv   | 96       |
| 53) Toluene                 | 9.793  | 91    | 23902m   | 0.107    | ppbv   |          |
| -----                       |        |       |          |          |        |          |

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

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