

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL062722\  
 Data File : VL039369.D  
 Acq On : 27 Jun 2022 21:46  
 Operator : SY/AP  
 Sample : N3453-08  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 IA-2

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/29/2022  
 Supervised By :Mahesh Dadoda 06/30/2022

Quant Time: Jun 28 02:40:52 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_L\METHODS\VL053122AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_LWed Jun 01 01:22:18 2022

QLast Update : Wed Jun 01 01:22:18 2022

Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Bromochloromethane       | 5.664  | 49    | 1172432  | 10.000   | ppbv   | 0.00     |
| 33) 1,4-Difluorobenzene     | 7.169  | 114   | 3283153  | 10.000   | ppbv   | -0.01    |
| 55) Chlorobenzene-d5        | 12.079 | 117   | 2842254  | 10.000   | ppbv   | -0.01    |
|                             |        |       |          |          |        |          |
| System Monitoring Compounds |        |       |          |          |        |          |
| 68) 1-Bromo-4-Fluorobenzene | 14.407 | 95    | 2147073  | 9.137    | ppbv   | 0.00     |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =      | 91.400%  |
|                             |        |       |          |          |        |          |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane  | 3.041  | 85    | 38647m   | 0.188    | ppbv   |          |
| 3) Chlorodifluoromethane    | 2.980  | 51    | 76385    | 0.512    | ppbv # | 86       |
| 4) Chloromethane            | 3.140  | 50    | 17241m   | 0.225    | ppbv   |          |
| 9) Propene                  | 3.012  | 41    | 34129m   | 0.525    | ppbv   |          |
| 11) Trichlorofluoromethane  | 3.951  | 101   | 43476m   | 0.233    | ppbv   |          |
| 13) Ethanol                 | 3.600  | 45    | 523469   | 147.565  | ppbv # | 100      |
| 15) Acetone                 | 3.844  | 43    | 424816   | 3.478    | ppbv   | 92       |
| 19) Isopropyl Alcohol       | 3.963  | 45    | 28524m   | 0.498    | ppbv   |          |
| 20) Methylene Chloride      | 4.336  | 84    | 42546    | 0.827    | ppbv   | 97       |
| 23) Vinyl Acetate           | 5.057  | 43    | 118093   | 1.169    | ppbv # | 85       |
| 26) Hexane                  | 5.687  | 57    | 150671m  | 1.246    | ppbv   |          |
| 34) 2-Butanone              | 5.246  | 43    | 89599    | 0.502    | ppbv   | 92       |
| 35) Carbon Tetrachloride    | 7.018  | 117   | 11375m   | 0.047    | ppbv   |          |
| 50) 4-Methyl-2-Pentanone    | 8.757  | 43    | 39582m   | 0.148    | ppbv   |          |
| 52) Tetrachloroethene       | 11.224 | 164   | 5267m    | 0.051    | ppbv   |          |
| 53) Toluene                 | 9.796  | 91    | 350723m  | 1.143    | ppbv   |          |
| 59) m/p-Xylene              | 12.966 | 91    | 35054m   | 0.102    | ppbv   |          |
| -----                       |        |       |          |          |        |          |

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

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