

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL032122\  
 Data File : VL038663.D  
 Acq On : 21 Mar 2022 23:21  
 Operator : SY/AP  
 Sample : N1964-09  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 C0P65

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/22/2022  
 Supervised By :Mahesh Dadoda 03/24/2022

Quant Time: Mar 22 03:52:27 2022

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Mon Mar 22 03:52:27 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         | 5.661  | 49    | 799852   | 10.000   | ppbv   | 0.00     |
| 33) 1,4-Difluorobenzene       | 7.166  | 114   | 1999431  | 10.000   | ppbv   | 0.00     |
| 55) Chlorobenzene-d5          | 12.073 | 117   | 1815491  | 10.000   | ppbv   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 68) 1-Bromo-4-Fluorobenzene   | 14.404 | 95    | 1302529  | 9.358    | ppbv   | 0.00     |
| Spiked Amount                 | 10.000 | Range | 65 - 135 | Recovery | =      | 93.600%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 2) Dichlorodifluoromethane    | 3.054  | 85    | 23342    | 0.217    | ppbv   | 94       |
| 3) Chlorodifluoromethane      | 2.993  | 51    | 36257m   | 0.429    | ppbv   |          |
| 4) Chloromethane              | 3.144  | 50    | 21731    | 0.469    | ppbv   | 95       |
| 5) Vinyl Chloride             | 3.256  | 62    | 3152m    | 0.067    | ppbv   |          |
| 9) Propene                    | 3.022  | 41    | 31743    | 0.778    | ppbv   | 85       |
| 11) Trichlorofluoromethane    | 3.948  | 101   | 24929    | 0.263    | ppbv   | 91       |
| 13) Ethanol                   | 3.607  | 45    | 49885m   | 11.088   | ppbv   |          |
| 15) Acetone                   | 3.848  | 43    | 145227   | 2.104    | ppbv   | 95       |
| 17) tert-Butyl alcohol        | 4.301  | 59    | 11042m   | 0.183    | ppbv   |          |
| 19) Isopropyl Alcohol         | 3.980  | 45    | 22343m   | 0.584    | ppbv   |          |
| 20) Methylene Chloride        | 4.343  | 84    | 105909   | 3.643    | ppbv   | 97       |
| 22) trans-1,2-Dichloroethene  | 4.880  | 96    | 5009m    | 0.147    | ppbv   |          |
| 26) Hexane                    | 5.684  | 57    | 43271    | 0.556    | ppbv # | 42       |
| 29) Chloroform                | 5.745  | 83    | 12532    | 0.101    | ppbv   | 93       |
| 31) cis-1,2-Dichloroethene    | 5.542  | 61    | 115763   | 1.583    | ppbv   | 93       |
| 32) 1,1,1-Trichloroethane     | 6.500  | 97    | 6228m    | 0.052    | ppbv   |          |
| 34) 2-Butanone                | 5.240  | 43    | 113453   | 1.434    | ppbv   | 99       |
| 35) Carbon Tetrachloride      | 7.008  | 117   | 7347m    | 0.063    | ppbv   |          |
| 38) Trichloroethene           | 7.819  | 130   | 2814m    | 0.044    | ppbv   |          |
| 41) Tetrahydrofuran           | 6.054  | 42    | 80469    | 1.366    | ppbv   | 99       |
| 52) Tetrachloroethene         | 11.214 | 164   | 11287m   | 0.200    | ppbv   |          |
| 53) Toluene                   | 9.796  | 91    | 673558   | 4.062    | ppbv   | 97       |
| 63) 1,1,2,2-Tetrachloroethane | 13.667 | 83    | 7214m    | 0.053    | ppbv   |          |
| 78) Hexachloro-1,3-Butadiene  | 23.352 | 225   | 13270m   | 0.110    | ppbv   |          |
| -----                         |        |       |          |          |        |          |

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

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