

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL032725\  
 Data File : VL042190.D  
 Acq On : 27 Mar 2025 21:24  
 Operator : SY/MD  
 Sample : Q1669-09DUP  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 AA-2-3262025DUP

Manual Integrations  
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/31/2025  
 Supervised By : Mahesh Dadoda 04/03/2025

Quant Time: Mar 28 02:17:45 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL032725AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Fri Aug 2  
 QLast Update : Fri Mar 28 02:00:52 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Bromochloromethane       | 2.787  | 49    | 184637   | 10.000   | ppbv   | 0.00     |
| 33) 1,4-Difluorobenzene     | 3.962  | 114   | 532429   | 10.000   | ppbv   | 0.00     |
| 55) Chlorobenzene-d5        | 8.882  | 117   | 472897   | 10.000   | ppbv   | 0.00     |
|                             |        |       |          |          |        |          |
| System Monitoring Compounds |        |       |          |          |        |          |
| 68) 1-Bromo-4-Fluorobenzene | 10.377 | 95    | 386908   | 9.963    | ppbv   | 0.00     |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =      | 99.600%  |
|                             |        |       |          |          |        |          |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane  | 1.499  | 85    | 11705    | 0.429    | ppbv   | 100      |
| 3) Chlorodifluoromethane    | 1.476  | 51    | 12361    | 0.444    | ppbv # | 91       |
| 4) Chloromethane            | 1.531  | 50    | 5052     | 0.453    | ppbv # | 85       |
| 9) Propene                  | 1.486  | 41    | 3425     | 0.268    | ppbv   | 91       |
| 11) Trichlorofluoromethane  | 1.878  | 101   | 5282     | 0.199    | ppbv   | 99       |
| 13) Ethanol                 | 1.722  | 45    | 10556    | 8.748    | ppbv # | 27       |
| 15) Acetone                 | 1.836  | 43    | 60628    | 2.348    | ppbv   | 94       |
| 20) Methylene Chloride      | 2.062  | 84    | 61810    | 6.427    | ppbv   | 97       |
| 26) Hexane                  | 2.829  | 57    | 99961    | 3.861    | ppbv # | 32       |
| 34) 2-Butanone              | 2.564  | 43    | 8734     | 0.226    | ppbv   | 98       |
| 35) Carbon Tetrachloride    | 3.765  | 117   | 2754m    | 0.066    | ppbv   |          |
| 36) Benzene                 | 3.658  | 78    | 7766m    | 0.147    | ppbv   |          |
| 53) Toluene                 | 6.940  | 91    | 20579m   | 0.329    | ppbv   |          |
| 59) m/p-Xylene              | 9.532  | 91    | 8618m    | 0.128    | ppbv   |          |
| 74) 1,2,4-Trimethylbenzene  | 11.539 | 105   | 24527    | 0.291    | ppbv # | 65       |
| -----                       |        |       |          |          |        |          |

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

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