

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL051223\  
 Data File : VL040423.D  
 Acq On : 12 May 2023 18:10  
 Operator : SY/MD  
 Sample : 02785-02DUP  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 IA1DUP

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/16/2023  
 Supervised By :Mahesh Dadoda 05/16/2023

Quant Time: May 15 00:43:29 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL041323AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Fri Aug 2

QLast Update : Thu Apr 13 14:37:02 2023

Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Bromochloromethane       | 5.182  | 49    | 1048383  | 10.000   | ppbv   | 0.00     |
| 33) 1,4-Difluorobenzene     | 6.645  | 114   | 2542460  | 10.000   | ppbv   | 0.00     |
| 55) Chlorobenzene-d5        | 11.468 | 117   | 2169674  | 10.000   | ppbv   | 0.00     |
|                             |        |       |          |          |        |          |
| System Monitoring Compounds |        |       |          |          |        |          |
| 68) 1-Bromo-4-Fluorobenzene | 13.777 | 95    | 1721542  | 9.595    | ppbv   | 0.00     |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =      | 96.000%  |
|                             |        |       |          |          |        |          |
| Target Compounds            |        |       |          |          |        | Qvalue   |
| 2) Dichlorodifluoromethane  | 2.713  | 85    | 58449m   | 0.309    | ppbv   |          |
| 3) Chlorodifluoromethane    | 2.658  | 51    | 50926m   | 0.372    | ppbv   |          |
| 4) Chloromethane            | 2.793  | 50    | 36476    | 0.421    | ppbv   | 92       |
| 9) Propene                  | 2.687  | 41    | 79384m   | 1.467    | ppbv   |          |
| 10) Heptane                 | 7.571  | 43    | 24419m   | 0.199    | ppbv   |          |
| 11) Trichlorofluoromethane  | 3.552  | 101   | 40413    | 0.211    | ppbv   | 97       |
| 13) Ethanol                 | 3.221  | 45    | 334589   | 74.055   | ppbv   | 98       |
| 15) Acetone                 | 3.452  | 43    | 787354m  | 5.302    | ppbv   |          |
| 19) Isopropyl Alcohol       | 3.562  | 45    | 876942   | 12.943   | ppbv # | 98       |
| 20) Methylene Chloride      | 3.919  | 84    | 1510476  | 25.479   | ppbv   | 97       |
| 26) Hexane                  | 5.205  | 57    | 1252166  | 11.887   | ppbv # | 37       |
| 30) Cyclohexane             | 6.600  | 84    | 15235m   | 0.187    | ppbv   |          |
| 34) 2-Butanone              | 4.780  | 43    | 73415    | 0.536    | ppbv   | 94       |
| 35) Carbon Tetrachloride    | 6.484  | 117   | 11348m   | 0.063    | ppbv   |          |
| 36) Benzene                 | 6.362  | 78    | 60889    | 0.294    | ppbv   | 97       |
| 44) 2,2,4-Trimethylpentane  | 7.320  | 57    | 83326m   | 0.240    | ppbv   |          |
| 52) Tetrachloroethene       | 10.616 | 164   | 3283m    | 0.051    | ppbv   |          |
| 53) Toluene                 | 9.221  | 91    | 130979   | 0.596    | ppbv   | 99       |
| 59) m/p-Xylene              | 12.346 | 91    | 57115m   | 0.233    | ppbv   |          |
| 74) 1,2,4-Trimethylbenzene  | 16.108 | 105   | 28043m   | 0.102    | ppbv   |          |
| -----                       |        |       |          |          |        |          |

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL051223\  
Data File : VL040423.D  
Acq On : 12 May 2023 18:10  
Operator : SY/MD  
Sample : 02785-02DUP  
Misc : 400mL/MSVOA\_L  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_L  
ClientSampleId :  
IA1DUP

Quant Time: May 15 00:43:29 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL041323AIR.M  
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Fri Aug  
QLast Update : Thu Apr 13 14:37:02 2023  
Response via : Initial Calibration

Manual Integrations  
APPROVED

Reviewed By : Semsettin Yesilyurt 05/16/2023  
Supervised By : Mahesh Dadoda 05/16/2023

