

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL080524\  
 Data File : VL041497.D  
 Acq On : 5 Aug 2024 12:27  
 Operator : SY/MD  
 Sample : P3454-01  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 E069-1100

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/09/2024  
 Supervised By :Mahesh Dadoda 08/09/2024

Quant Time: Aug 06 01:36:36 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL072524AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Fri Aug 09 12:34:19 2024

QLast Update : Tue Aug 06 01:32:58 2024

Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Bromochloromethane       | 5.195  | 49    | 881947   | 10.000   | ppbv   | 0.00     |
| 33) 1,4-Difluorobenzene     | 6.655  | 114   | 2483182  | 10.000   | ppbv   | 0.00     |
| 55) Chlorobenzene-d5        | 11.465 | 117   | 2295823  | 10.000   | ppbv   | # 0.00   |
| System Monitoring Compounds |        |       |          |          |        |          |
| 68) 1-Bromo-4-Fluorobenzene | 13.777 | 95    | 1750505  | 9.908    | ppbv   | 0.00     |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =      | 99.100%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane  | 2.738  | 85    | 17567    | 0.116    | ppbv   | 97       |
| 3) Chlorodifluoromethane    | 2.684  | 51    | 15449m   | 0.147    | ppbv   |          |
| 4) Chloromethane            | 2.822  | 50    | 832933   | 14.916   | ppbv   | 100      |
| 5) Vinyl Chloride           | 2.928  | 62    | 70323    | 1.278    | ppbv   | 96       |
| 9) Propene                  | 2.716  | 41    | 11264    | 0.234    | ppbv   | 86       |
| 11) Trichlorofluoromethane  | 3.568  | 101   | 2022001  | 15.006   | ppbv   | 98       |
| 13) Ethanol                 | 3.250  | 45    | 122424   | 28.400   | ppbv   | 92       |
| 15) Acetone                 | 3.475  | 43    | 778194   | 7.766    | ppbv   | 99       |
| 19) Isopropyl Alcohol       | 3.591  | 45    | 21135m   | 0.361    | ppbv   |          |
| 20) Methylene Chloride      | 3.938  | 84    | 6855929  | 183.472  | ppbv # | 83       |
| 26) Hexane                  | 5.217  | 57    | 7951106  | 96.280   | ppbv # | 37       |
| 30) Cyclohexane             | 6.610  | 84    | 13810m   | 0.205    | ppbv   |          |
| 34) 2-Butanone              | 4.793  | 43    | 23617m   | 0.197    | ppbv   |          |
| 36) Benzene                 | 6.372  | 78    | 5537244  | 30.517   | ppbv   | 97       |
| 37) 1,2-Dichloroethane      | 5.809  | 62    | 1743701  | 17.170   | ppbv   | 100      |
| 39) 1,2-Dichloropropane     | 7.073  | 63    | 1127596  | 16.232   | ppbv   | 98       |
| 53) Toluene                 | 9.221  | 91    | 20811    | 0.103    | ppbv   | 93       |
| 57) Chlorobenzene           | 11.523 | 112   | 2277421  | 13.933   | ppbv   | 98       |
| 58) Ethyl Benzene           | 12.085 | 91    | 5016906  | 18.959   | ppbv   | 100      |
| 65) tert-Butylbenzene       | 16.108 | 119   | 692821   | 2.335    | ppbv # | 66       |
| 73) 1,3,5-Trimethylbenzene  | 15.349 | 105   | 6653424  | 30.358   | ppbv   | 99       |
| 74) 1,2,4-Trimethylbenzene  | 16.105 | 105   | 6038508  | 23.699   | ppbv # | 73       |
| 77) 1,2-Dichlorobenzene     | 17.146 | 146   | 29853    | 0.188    | ppbv   | 87       |

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

## Manual Integrations

Quant Time: Aug 06 01:36:36 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL072524AIR.M  
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_LFri Aug  
QLast Update : Tue Aug 06 01:32:58 2024  
Response via : Initial Calibration

