

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL072524\  
 Data File : VL041410.D  
 Acq On : 26 Jul 2024 7:22  
 Operator : SY/MD  
 Sample : P3320-01  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 1

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/29/2024  
 Supervised By :Mahesh Dadoda 07/29/2024

Quant Time: Jul 29 01:44:41 2024

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

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

QLast Update : Fri Jul 26 07:31:14 2024

Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Bromochloromethane       | 5.172  | 49    | 1084053  | 10.000   | ppbv   | 0.00     |
| 33) 1,4-Difluorobenzene     | 6.635  | 114   | 2953868  | 10.000   | ppbv   | 0.00     |
| 55) Chlorobenzene-d5        | 11.452 | 117   | 2551447  | 10.000   | ppbv   | #-0.01   |
| System Monitoring Compounds |        |       |          |          |        |          |
| 68) 1-Bromo-4-Fluorobenzene | 13.764 | 95    | 1843845  | 9.391    | ppbv   | 0.00     |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =      | 93.900%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane  | 2.706  | 85    | 35069    | 0.188    | ppbv   | 97       |
| 3) Chlorodifluoromethane    | 2.652  | 51    | 64721    | 0.502    | ppbv   | 97       |
| 4) Chloromethane            | 2.793  | 50    | 34849    | 0.508    | ppbv   | 88       |
| 9) Propene                  | 2.681  | 41    | 30787m   | 0.519    | ppbv   |          |
| 10) Heptane                 | 7.565  | 43    | 24880m   | 0.187    | ppbv   |          |
| 11) Trichlorofluoromethane  | 3.542  | 101   | 35120    | 0.212    | ppbv   | 100      |
| 13) Ethanol                 | 3.217  | 45    | 931387   | 175.779  | ppbv   | 98       |
| 15) Acetone                 | 3.446  | 43    | 925352   | 7.513    | ppbv   | 99       |
| 19) Isopropyl Alcohol       | 3.558  | 45    | 509647   | 7.078    | ppbv # | 97       |
| 20) Methylene Chloride      | 3.912  | 84    | 371853   | 8.096    | ppbv   | 95       |
| 26) Hexane                  | 5.192  | 57    | 303947   | 2.994    | ppbv # | 50       |
| 34) 2-Butanone              | 4.774  | 43    | 52735m   | 0.369    | ppbv   |          |
| 35) Carbon Tetrachloride    | 6.468  | 117   | 10578m   | 0.065    | ppbv   |          |
| 36) Benzene                 | 6.346  | 78    | 33469m   | 0.155    | ppbv   |          |
| 53) Toluene                 | 9.204  | 91    | 71327m   | 0.297    | ppbv   |          |
| 59) m/p-Xylene              | 12.330 | 91    | 42637m   | 0.168    | ppbv   |          |
| -----                       |        |       |          |          |        |          |

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

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