

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL073124\  
 Data File : VL041463.D  
 Acq On : 31 Jul 2024 14:56  
 Operator : SY/MD  
 Sample : P3385-02  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 IA2

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/01/2024  
 Supervised By :Mahesh Dadoda 08/01/2024

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 Dadoda  
 08/01/2024

Quant Time: Aug 01 02:43:58 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL072524AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_LFri Aug 2  
 QLast Update : Thu Aug 01 02:36:30 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Bromochloromethane       | 5.201  | 49    | 1070019  | 10.000   | ppbv   | 0.00     |
| 33) 1,4-Difluorobenzene     | 6.661  | 114   | 2807215  | 10.000   | ppbv   | 0.00     |
| 55) Chlorobenzene-d5        | 11.478 | 117   | 2573217  | 10.000   | ppbv   | # 0.00   |
|                             |        |       |          |          |        |          |
| System Monitoring Compounds |        |       |          |          |        |          |
| 68) 1-Bromo-4-Fluorobenzene | 13.786 | 95    | 2013450  | 10.168   | ppbv   | 0.00     |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =      | 101.700% |
|                             |        |       |          |          |        |          |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          |        | Qvalue   |
| 2) Dichlorodifluoromethane  | 2.739  | 85    | 48659    | 0.264    | ppbv   | 96       |
| 4) Chloromethane            | 2.822  | 50    | 35775    | 0.528    | ppbv   | 100      |
| 9) Propene                  | 2.710  | 41    | 27222m   | 0.465    | ppbv   |          |
| 10) Heptane                 | 7.590  | 43    | 55513    | 0.422    | ppbv   | 88       |
| 11) Trichlorofluoromethane  | 3.568  | 101   | 34523    | 0.211    | ppbv   | 86       |
| 13) Ethanol                 | 3.250  | 45    | 767845   | 146.815  | ppbv   | 97       |
| 15) Acetone                 | 3.472  | 43    | 8930167  | 73.453   | ppbv   | 90       |
| 17) tert-Butyl alcohol      | 3.896  | 59    | 31591    | 0.285    | ppbv # | 92       |
| 19) Isopropyl Alcohol       | 3.594  | 45    | 306507   | 4.312    | ppbv # | 93       |
| 20) Methylene Chloride      | 3.941  | 84    | 2779855  | 61.316   | ppbv   | 96       |
| 26) Hexane                  | 5.221  | 57    | 1514091  | 15.112   | ppbv # | 51       |
| 31) cis-1,2-Dichloroethene  | 5.089  | 61    | 12111m   | 0.122    | ppbv   |          |
| 34) 2-Butanone              | 4.800  | 43    | 196910   | 1.450    | ppbv   | 95       |
| 35) Carbon Tetrachloride    | 6.500  | 117   | 8429     | 0.054    | ppbv # | 88       |
| 36) Benzene                 | 6.378  | 78    | 22152    | 0.108    | ppbv # | 92       |
| 38) Trichloroethene         | 7.298  | 130   | 10407m   | 0.111    | ppbv   |          |
| 43) Methyl Methacrylate     | 7.484  | 69    | 6986m    | 0.095    | ppbv   |          |
| 52) Tetrachloroethene       | 10.629 | 164   | 702476   | 8.863    | ppbv   | 98       |
| 53) Toluene                 | 9.233  | 91    | 405707   | 1.776    | ppbv   | 99       |
| 59) m/p-Xylene              | 12.352 | 91    | 36956m   | 0.144    | ppbv   |          |
| 60) o-Xylene                | 13.069 | 91    | 26115m   | 0.108    | ppbv   |          |
| 69) p-Isopropyltoluene      | 17.008 | 119   | 38738m   | 0.102    | ppbv   |          |
| 72) 4-Ethyltoluene          | 15.198 | 105   | 72173m   | 0.253    | ppbv   |          |
| 73) 1,3,5-Trimethylbenzene  | 15.359 | 105   | 43070m   | 0.175    | ppbv   |          |
| 74) 1,2,4-Trimethylbenzene  | 16.117 | 105   | 104542   | 0.366    | ppbv # | 72       |
| -----                       |        |       |          |          |        |          |

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

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