

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL081722\  
 Data File : VL039552.D  
 Acq On : 17 Aug 2022 17:37  
 Operator : SY/AP  
 Sample : N4125-02DUP  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 IA1DUP

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/18/2022  
 Supervised By :Mahesh Dadoda 08/19/2022

Quant Time: Aug 18 05:39:01 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_L\METHODS\VL081722AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_LWed Aug 17 12:06:24 2022

QLast Update : Wed Aug 17 12:06:24 2022

Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Bromochloromethane       | 5.208  | 49    | 1023353  | 10.000   | ppbv   | 0.00     |
| 33) 1,4-Difluorobenzene     | 6.664  | 114   | 2680711  | 10.000   | ppbv   | 0.00     |
| 55) Chlorobenzene-d5        | 11.474 | 117   | 2395977  | 10.000   | ppbv   | 0.00     |
|                             |        |       |          |          |        |          |
| System Monitoring Compounds |        |       |          |          |        |          |
| 68) 1-Bromo-4-Fluorobenzene | 13.783 | 95    | 1838710  | 10.194   | ppbv   | 0.00     |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =      | 101.900% |
|                             |        |       |          |          |        |          |
| Target Compounds            |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane  | 2.751  | 85    | 28986m   | 0.211    | ppbv   |          |
| 3) Chlorodifluoromethane    | 2.697  | 51    | 50443m   | 0.411    | ppbv   |          |
| 4) Chloromethane            | 2.838  | 50    | 37628    | 0.513    | ppbv   | 98       |
| 9) Propene                  | 2.726  | 41    | 66144    | 1.184    | ppbv # | 72       |
| 10) Heptane                 | 7.590  | 43    | 191684   | 1.477    | ppbv   | 100      |
| 11) Trichlorofluoromethane  | 3.584  | 101   | 31546m   | 0.209    | ppbv   |          |
| 13) Ethanol                 | 3.256  | 45    | 533017   | 132.551  | ppbv   | 82       |
| 15) Acetone                 | 3.488  | 43    | 1996518  | 17.269   | ppbv   | 100      |
| 17) tert-Butyl alcohol      | 3.912  | 59    | 31647m   | 0.321    | ppbv   |          |
| 19) Isopropyl Alcohol       | 3.600  | 45    | 210940   | 3.733    | ppbv # | 100      |
| 20) Methylene Chloride      | 3.954  | 84    | 1496631  | 31.793   | ppbv   | 94       |
| 25) Ethyl Acetate           | 5.221  | 43    | 1364700  | 5.536    | ppbv   | 98       |
| 26) Hexane                  | 5.227  | 57    | 661166   | 6.540    | ppbv   | 85       |
| 27) Carbon Disulfide        | 4.144  | 76    | 13525m   | 0.125    | ppbv   |          |
| 30) Cyclohexane             | 6.613  | 84    | 9880m    | 0.118    | ppbv   |          |
| 32) 1,1,1-Trichloroethane   | 6.021  | 97    | 6585m    | 0.044    | ppbv   |          |
| 34) 2-Butanone              | 4.806  | 43    | 306285   | 2.273    | ppbv   | 99       |
| 35) Carbon Tetrachloride    | 6.497  | 117   | 8563m    | 0.057    | ppbv   |          |
| 36) Benzene                 | 6.378  | 78    | 38743m   | 0.190    | ppbv   |          |
| 44) 2,2,4-Trimethylpentane  | 7.346  | 57    | 44627m   | 0.130    | ppbv   |          |
| 50) 4-Methyl-2-Pentanone    | 8.211  | 43    | 105588   | 0.509    | ppbv   | 97       |
| 52) Tetrachloroethene       | 10.619 | 164   | 4323m    | 0.054    | ppbv   |          |
| 53) Toluene                 | 9.233  | 91    | 809599   | 3.537    | ppbv   | 100      |
| 58) Ethyl Benzene           | 12.095 | 91    | 105930   | 0.382    | ppbv   | 99       |
| 59) m/p-Xylene              | 12.355 | 91    | 351687   | 1.410    | ppbv # | 100      |
| 60) o-Xylene                | 13.066 | 91    | 99271    | 0.415    | ppbv   | 100      |
| 61) Styrene                 | 12.909 | 104   | 20131m   | 0.158    | ppbv   |          |
| 74) 1,2,4-Trimethylbenzene  | 16.117 | 105   | 47144m   | 0.165    | ppbv   |          |
| 79) Naphthalene             | 21.394 | 128   | 31372m   | 0.154    | ppbv   |          |
| -----                       |        |       |          |          |        |          |

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

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