

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL122123\  
 Data File : VL040936.D  
 Acq On : 21 Dec 2023 19:11  
 Operator : SY/MD  
 Sample : 05925-03  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 OA1

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/22/2023  
 Supervised By :Mahesh Dadoda 12/26/2023

Quant Time: Dec 22 00:10:13 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL122023AIR.M

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

QLast Update : Thu Dec 21 07:32:42 2023

Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Bromochloromethane       | 5.185  | 49    | 1114925  | 10.000   | ppbv   | 0.00     |
| 33) 1,4-Difluorobenzene     | 6.639  | 114   | 2816110  | 10.000   | ppbv   | 0.00     |
| 55) Chlorobenzene-d5        | 11.433 | 117   | 2289221  | 10.000   | ppbv   | 0.00     |
|                             |        |       |          |          |        |          |
| System Monitoring Compounds |        |       |          |          |        |          |
| 68) 1-Bromo-4-Fluorobenzene | 13.745 | 95    | 1677872  | 9.951    | ppbv   | 0.00     |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =      | 99.500%  |
|                             |        |       |          |          |        |          |
| Target Compounds            |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane  | 2.751  | 85    | 109073   | 0.514    | ppbv   | 98       |
| 3) Chlorodifluoromethane    | 2.697  | 51    | 70523    | 0.420    | ppbv # | 88       |
| 4) Chloromethane            | 2.838  | 50    | 35739m   | 0.578    | ppbv   |          |
| 9) Propene                  | 2.729  | 41    | 70391m   | 1.272    | ppbv   |          |
| 10) Heptane                 | 7.558  | 43    | 36285m   | 0.264    | ppbv   |          |
| 11) Trichlorofluoromethane  | 3.575  | 101   | 40419    | 0.243    | ppbv   | 97       |
| 13) Ethanol                 | 3.259  | 45    | 156764   | 11.225   | ppbv   | 100      |
| 15) Acetone                 | 3.481  | 43    | 1496630  | 11.192   | ppbv   | 96       |
| 19) Isopropyl Alcohol       | 3.603  | 45    | 94219m   | 1.350    | ppbv   |          |
| 20) Methylene Chloride      | 3.938  | 84    | 602227   | 12.635   | ppbv   | 96       |
| 25) Ethyl Acetate           | 5.211  | 43    | 551402   | 2.380    | ppbv # | 79       |
| 26) Hexane                  | 5.208  | 57    | 770683   | 7.505    | ppbv # | 41       |
| 30) Cyclohexane             | 6.581  | 84    | 13708m   | 0.160    | ppbv   |          |
| 34) 2-Butanone              | 4.793  | 43    | 46261    | 0.311    | ppbv # | 85       |
| 35) Carbon Tetrachloride    | 6.484  | 117   | 10533m   | 0.060    | ppbv   |          |
| 36) Benzene                 | 6.359  | 78    | 89291    | 0.406    | ppbv # | 91       |
| 44) 2,2,4-Trimethylpentane  | 7.307  | 57    | 243557   | 0.651    | ppbv   | 93       |
| 52) Tetrachloroethene       | 10.574 | 164   | 2253m    | 0.030    | ppbv   |          |
| 53) Toluene                 | 9.195  | 91    | 216647   | 0.888    | ppbv   | 97       |
| 58) Ethyl Benzene           | 12.053 | 91    | 36348m   | 0.124    | ppbv   |          |
| 59) m/p-Xylene              | 12.310 | 91    | 80974m   | 0.324    | ppbv   |          |
| 60) o-Xylene                | 13.031 | 91    | 33776m   | 0.143    | ppbv   |          |
| 74) 1,2,4-Trimethylbenzene  | 16.085 | 105   | 24173m   | 0.097    | ppbv   |          |
| -----                       |        |       |          |          |        |          |

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

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