

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL090821\  
 Data File : VL037582.D  
 Acq On : 8 Sep 2021 21:55  
 Operator : SY/AP  
 Sample : M3663-03  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 OA-1

Manual Integrations  
 APPROVED

MMDadoda  
 9/10/2021 10:53:27 AM

Quant Time: Sep 09 09:14:33 2021  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_L\METHODS\VL081621AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Tue Aug 17 02:13:47 2021  
 QLast Update : Tue Aug 17 02:13:47 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Bromochloromethane       | 5.677  | 49    | 1505405  | 10.000   | ppbv   | 0.03     |
| 33) 1,4-Difluorobenzene     | 7.188  | 114   | 4478416  | 10.000   | ppbv   | 0.03     |
| 55) Chlorobenzene-d5        | 12.098 | 117   | 3737560  | 10.000   | ppbv   | 0.04     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 68) 1-Bromo-4-Fluorobenzene | 14.426 | 95    | 2681219  | 10.097   | ppbv   | 0.03     |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =      | 101.000% |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane  | 3.057  | 85    | 34077m   | 0.141    | ppbv   |          |
| 3) Chlorodifluoromethane    | 2.992  | 51    | 93067    | 0.323    | ppbv # | 84       |
| 4) Chloromethane            | 3.147  | 50    | 104577   | 1.015    | ppbv   | 91       |
| 9) Propene                  | 3.021  | 41    | 80556    | 0.781    | ppbv   | 95       |
| 10) Heptane                 | 8.134  | 43    | 30882m   | 0.130    | ppbv   |          |
| 11) Trichlorofluoromethane  | 3.957  | 101   | 44768m   | 0.197    | ppbv   |          |
| 13) Ethanol                 | 3.613  | 45    | 393065m  | 39.164   | ppbv   |          |
| 15) Acetone                 | 3.857  | 43    | 1715812  | 11.199   | ppbv   | 96       |
| 19) Isopropyl Alcohol       | 3.980  | 45    | 297395m  | 3.388    | ppbv   |          |
| 20) Methylene Chloride      | 4.353  | 84    | 605783   | 7.897    | ppbv   | 95       |
| 26) Hexane                  | 5.697  | 57    | 764583   | 4.021    | ppbv # | 50       |
| 29) Chloroform              | 5.764  | 83    | 79947m   | 0.297    | ppbv   |          |
| 30) Cyclohexane             | 7.140  | 84    | 34819m   | 0.220    | ppbv   |          |
| 34) 2-Butanone              | 5.262  | 43    | 234018m  | 1.280    | ppbv   |          |
| 35) Carbon Tetrachloride    | 7.031  | 117   | 16345m   | 0.062    | ppbv   |          |
| 36) Benzene                 | 6.899  | 78    | 111754m  | 0.297    | ppbv   |          |
| 44) 2,2,4-Trimethylpentane  | 7.883  | 57    | 165074   | 0.261    | ppbv # | 88       |
| 50) 4-Methyl-2-Pentanone    | 8.774  | 43    | 60088m   | 0.252    | ppbv   |          |
| 52) Tetrachloroethene       | 11.233 | 164   | 87693m   | 0.568    | ppbv   |          |
| 53) Toluene                 | 9.815  | 91    | 1310014  | 3.047    | ppbv   | 100      |
| 58) Ethyl Benzene           | 12.725 | 91    | 114618m  | 0.221    | ppbv   |          |
| 59) m/p-Xylene              | 12.979 | 91    | 427971m  | 0.952    | ppbv   |          |
| 60) o-Xylene                | 13.706 | 91    | 139308m  | 0.332    | ppbv   |          |
| 74) 1,2,4-Trimethylbenzene  | 16.783 | 105   | 58589m   | 0.119    | ppbv   |          |
| -----                       |        |       |          |          |        |          |

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

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