

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL102521\  
 Data File : VL037899.D  
 Acq On : 25 Oct 2021 18:24  
 Operator : SY/AP  
 Sample : M4339-02DUP  
 Misc : 400mL/MSVOA L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA L  
 ClientSampleId :  
 SVE-EFFLUENTDUP

Manual Integrations  
 APPROVED

Reviewed By : Semsettin Yesilyurt 10/27/2021  
 Supervised By : Mahesh Dadoda 10/27/2021

Quant Time: Oct 27 12:07:27 2021  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL100421A  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:  
 QLast Update : Mon Oct 04 17:43:54 2021  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 5.68  | 49   | 1253839  | 10.00 | ppbv  | 0.01     |
| 33) 1,4-Difluorobenzene | 7.19  | 114  | 3707559  | 10.00 | ppbv  | 0.01     |
| 55) Chlorobenzene-d5    | 12.10 | 117  | 3183704  | 10.00 | ppbv  | 0.01     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 68) 1-Bromo-4-Fluorobenzene | 14.43  | 95    | 2272710  | 10.21    | ppbv | 0.01    |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 102.10% |

| Target Compounds             | R.T.  | QIon | Response | Conc   | Units  | Ovalue |
|------------------------------|-------|------|----------|--------|--------|--------|
| 2) Dichlorodifluoromethane   | 3.06  | 85   | 38628m   | 0.193  | ppbv   |        |
| 3) Chlorodifluoromethane     | 3.01  | 51   | 47932m   | 0.199  | ppbv   |        |
| 4) Chloromethane             | 3.15  | 50   | 17017m   | 0.193  | ppbv   |        |
| 9) Propene                   | 3.03  | 41   | 26422m   | 0.298  | ppbv   |        |
| 10) Heptane                  | 8.14  | 43   | 55626m   | 0.276  | ppbv   |        |
| 11) Trichlorofluoromethane   | 3.96  | 101  | 85407m   | 0.478  | ppbv   |        |
| 13) Ethanol                  | 3.63  | 45   | 139544   | 19.249 | ppbv   | 89     |
| 15) Acetone                  | 3.87  | 43   | 170572m  | 1.515  | ppbv   |        |
| 19) Isopropyl Alcohol        | 3.99  | 45   | 124004m  | 1.771  | ppbv   |        |
| 20) Methylene Chloride       | 4.36  | 84   | 203920   | 3.586  | ppbv   | 93     |
| 22) trans-1,2-Dichloroethene | 4.90  | 96   | 9517m    | 0.154  | ppbv   |        |
| 26) Hexane                   | 5.70  | 57   | 194498   | 1.251  | ppbv # | 48     |
| 29) Chloroform               | 5.76  | 83   | 91267    | 0.411  | ppbv   | 96     |
| 31) cis-1,2-Dichloroethene   | 5.56  | 61   | 620849   | 4.397  | ppbv   | 99     |
| 32) 1,1,1-Trichloroethane    | 6.53  | 97   | 138855   | 0.659  | ppbv   | 95     |
| 34) 2-Butanone               | 5.27  | 43   | 52446m   | 0.350  | ppbv   |        |
| 35) Carbon Tetrachloride     | 7.04  | 117  | 9164m    | 0.044  | ppbv   |        |
| 36) Benzene                  | 6.91  | 78   | 65138m   | 0.206  | ppbv   |        |
| 44) 2,2,4-Trimethylpentane   | 7.89  | 57   | 64148m   | 0.121  | ppbv   |        |
| 52) Tetrachloroethene        | 11.24 | 164  | 50565m   | 0.410  | ppbv   |        |
| 53) Toluene                  | 9.82  | 91   | 806234   | 2.297  | ppbv   | 99     |
| 58) Ethyl Benzene            | 12.73 | 91   | 66179    | 0.155  | ppbv # | 88     |
| 59) m/p-Xylene               | 12.98 | 91   | 141117m  | 0.385  | ppbv   |        |
| 60) o-Xylene                 | 13.71 | 91   | 42443m   | 0.121  | ppbv   |        |

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

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