

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040721\  
 Data File : VL036733.D  
 Acq On : 7 Apr 2021 19:24  
 Operator : SY/AP  
 Sample : M1929-03  
 Misc : 400mL/MSVOA L  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 FS-SV-03-X

Manual Integrations  
 APPROVED

MMDadoda  
 4/12/2021 11:16:03 AM

Quant Time: Apr 10 22:52:29 2021  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Thu Apr 08 2021  
 QLast Update : Thu Apr 08 01:58:43 2021  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 5.67  | 49   | 1245363  | 10.00 | ppbv  | 0.00     |
| 33) 1,4-Difluorobenzene | 7.18  | 114  | 3161894  | 10.00 | ppbv  | 0.00     |
| 55) Chlorobenzene-d5    | 12.09 | 117  | 2664904  | 10.00 | ppbv  | 0.00     |

| System Monitoring Compounds |        | R.T.  | QIon     | Response | Conc | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|------|--------|----------|
| 68) 1-Bromo-4-Fluorobenzene | 14.42  | 95    | 2050282  | 9.65     | ppbv | 0.00   |          |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 96.50% |          |

| Target Compounds           | R.T.  | QIon | Response | Conc   | Units  | Ovalue |
|----------------------------|-------|------|----------|--------|--------|--------|
| 2) Dichlorodifluoromethane | 3.05  | 85   | 29007    | 0.143  | ppbv   | 93     |
| 3) Chlorodifluoromethane   | 2.98  | 51   | 34975m   | 0.150  | ppbv   |        |
| 4) Chloromethane           | 3.13  | 50   | 10970    | 0.133  | ppbv # | 86     |
| 5) Vinyl Chloride          | 3.26  | 62   | 4442m    | 0.053  | ppbv   |        |
| 7) Chloroethane            | 3.56  | 64   | 9571m    | 0.330  | ppbv   |        |
| 9) Propene                 | 3.01  | 41   | 58302m   | 0.786  | ppbv   |        |
| 10) Heptane                | 8.12  | 43   | 28662m   | 0.152  | ppbv   |        |
| 11) Trichlorofluoromethane | 3.95  | 101  | 72892    | 0.352  | ppbv   | 98     |
| 13) Ethanol                | 3.61  | 45   | 66950    | 7.579  | ppbv   | 91     |
| 15) Acetone                | 3.85  | 43   | 1528799  | 12.473 | ppbv   | 98     |
| 19) Isopropyl Alcohol      | 3.99  | 45   | 63263    | 0.938  | ppbv # | 89     |
| 20) Methylene Chloride     | 4.35  | 84   | 88775m   | 1.547  | ppbv   |        |
| 24) 1,1-Dichloroethane     | 5.01  | 63   | 34789    | 0.228  | ppbv   | 98     |
| 26) Hexane                 | 5.69  | 57   | 117056   | 0.866  | ppbv # | 49     |
| 27) Carbon Disulfide       | 4.56  | 76   | 78641m   | 0.590  | ppbv   |        |
| 29) Chloroform             | 5.75  | 83   | 41505m   | 0.192  | ppbv   |        |
| 32) 1,1,1-Trichloroethane  | 6.52  | 97   | 33385m   | 0.153  | ppbv   |        |
| 34) 2-Butanone             | 5.25  | 43   | 227010   | 1.471  | ppbv # | 90     |
| 36) Benzene                | 6.89  | 78   | 104713   | 0.359  | ppbv # | 78     |
| 37) 1,2-Dichloroethane     | 6.31  | 62   | 73757    | 0.430  | ppbv   | 98     |
| 50) 4-Methyl-2-Pentanone   | 8.75  | 43   | 30167m   | 0.135  | ppbv   |        |
| 52) Tetrachloroethene      | 11.23 | 164  | 754893   | 7.030  | ppbv   | 98     |
| 53) Toluene                | 9.81  | 91   | 837443   | 2.697  | ppbv   | 100    |
| 59) m/p-Xylene             | 12.98 | 91   | 38086m   | 0.113  | ppbv   |        |

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

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