

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032621\  
 Data File : VL036508.D  
 Acq On : 26 Mar 2021 10:58  
 Operator : SY/AP  
 Sample : M1748-38  
 Misc : 400mL/MSVOA L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 GOI-SG-6(2021)

Manual Integrations  
 APPROVED

MMDadoda  
 3/29/2021 4:38:30 PM

Quant Time: Mar 27 23:01:01 2021  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Thu Mar 27 2021  
 QLast Update : Thu Mar 25 09:42:40 2021  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 5.69  | 49   | 1516764  | 10.00 | ppbv  | 0.02     |
| 33) 1,4-Difluorobenzene | 7.21  | 114  | 3761049  | 10.00 | ppbv  | 0.03     |
| 55) Chlorobenzene-d5    | 12.12 | 117  | 3269890  | 10.00 | ppbv  | 0.03     |

| System Monitoring Compounds |        | R.T.  | QIon     | Response | Conc | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|------|--------|----------|
| 68) 1-Bromo-4-Fluorobenzene | 14.45  | 95    | 2504408  | 9.61     | ppbv | 0.03   |          |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 96.10% |          |

| Target Compounds             | R.T.  | QIon | Response | Conc    | Units  | Ovalue |
|------------------------------|-------|------|----------|---------|--------|--------|
| 2) Dichlorodifluoromethane   | 3.06  | 85   | 35138m   | 0.142   | ppbv   |        |
| 3) Chlorodifluoromethane     | 3.00  | 51   | 166963m  | 0.589   | ppbv   |        |
| 4) Chloromethane             | 3.15  | 50   | 40213    | 0.402   | ppbv # | 82     |
| 9) Propene                   | 3.03  | 41   | 97542    | 1.080   | ppbv # | 70     |
| 11) Trichlorofluoromethane   | 3.97  | 101  | 117261m  | 0.465   | ppbv   |        |
| 13) Ethanol                  | 3.64  | 45   | 1302336  | 121.054 | ppbv   | 94     |
| 15) Acetone                  | 3.88  | 43   | 2002428  | 13.413  | ppbv   | 98     |
| 19) Isopropyl Alcohol        | 4.02  | 45   | 123573m  | 1.505   | ppbv   |        |
| 20) Methylene Chloride       | 4.36  | 84   | 3002285  | 42.954  | ppbv   | 93     |
| 22) trans-1,2-Dichloroethene | 4.91  | 96   | 32972    | 0.496   | ppbv   | 93     |
| 26) Hexane                   | 5.71  | 57   | 2906669  | 17.648  | ppbv # | 47     |
| 29) Chloroform               | 5.78  | 83   | 9016337  | 34.230  | ppbv   | 92     |
| 31) cis-1,2-Dichloroethene   | 5.57  | 61   | 280292   | 1.759   | ppbv   | 97     |
| 32) 1,1,1-Trichloroethane    | 6.53  | 97   | 50219m   | 0.189   | ppbv   |        |
| 34) 2-Butanone               | 5.29  | 43   | 144624   | 0.788   | ppbv   | 93     |
| 35) Carbon Tetrachloride     | 7.03  | 117  | 8217m    | 0.028   | ppbv   |        |
| 36) Benzene                  | 6.93  | 78   | 142864   | 0.412   | ppbv # | 88     |
| 38) Trichloroethene          | 7.89  | 130  | 27377613 | 202.810 | ppbv   | 87     |
| 52) Tetrachloroethene        | 11.26 | 164  | 1057347  | 8.278   | ppbv   | 96     |
| 53) Toluene                  | 9.84  | 91   | 116935   | 0.317   | ppbv   | 100    |
| 59) m/p-Xylene               | 13.00 | 91   | 42804m   | 0.103   | ppbv   |        |

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

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