

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL121020\  
 Data File : VL036157.D  
 Acq On : 11 Dec 2020 9:58  
 Operator : SY/AP  
 Sample : L4930-02  
 Misc : 400ml/MSVOA L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 OFFSITE-SG-1

Manual Integrations  
 APPROVED

MMDadoda  
 12/15/2020 4:52:12 PM

Quant Time: Dec 16 03:02:10 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL120720AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Mon Dec 0  
 QLast Update : Mon Dec 07 16:56:49 2020  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 5.65  | 49   | 1269777  | 10.00 | ppbv  | -0.04    |
| 33) 1,4-Difluorobenzene | 7.16  | 114  | 2448100  | 10.00 | ppbv  | -0.04    |
| 55) Chlorobenzene-d5    | 12.07 | 117  | 2178060  | 10.00 | ppbv  | -0.04    |

System Monitoring Compounds

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| 68) 1-Bromo-4-Fluorobenzene | 14.40  | 95    | 1854678  | 10.72    | ppbv | -0.05   |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 107.20% |

| Target Compounds           | R.T.  | QIon | Response | Conc   | Units  | Ovalue |
|----------------------------|-------|------|----------|--------|--------|--------|
| 2) Dichlorodifluoromethane | 3.03  | 85   | 42041m   | 0.284  | ppbv   |        |
| 3) Chlorodifluoromethane   | 2.97  | 51   | 70483    | 0.487  | ppbv # | 86     |
| 4) Chloromethane           | 3.13  | 50   | 39085m   | 0.550  | ppbv   |        |
| 9) Propene                 | 3.00  | 41   | 54470m   | 0.751  | ppbv   |        |
| 11) Trichlorofluoromethane | 3.93  | 101  | 41720    | 0.240  | ppbv   | 86     |
| 13) Ethanol                | 3.60  | 45   | 136455m  | 13.639 | ppbv   |        |
| 15) Acetone                | 3.84  | 43   | 483894   | 3.171  | ppbv   | 95     |
| 19) Isopropyl Alcohol      | 3.98  | 45   | 44197    | 0.474  | ppbv # | 100    |
| 20) Methylene Chloride     | 4.33  | 84   | 364419   | 5.827  | ppbv   | 99     |
| 26) Hexane                 | 5.67  | 57   | 279436   | 2.037  | ppbv # | 41     |
| 34) 2-Butanone             | 5.24  | 43   | 41973m   | 0.258  | ppbv   |        |
| 36) Benzene                | 6.87  | 78   | 51353m   | 0.248  | ppbv   |        |
| 53) Toluene                | 9.79  | 91   | 333557m  | 1.432  | ppbv   |        |
| 58) Ethyl Benzene          | 12.70 | 91   | 31913m   | 0.107  | ppbv   |        |
| 59) m/p-Xylene             | 12.96 | 91   | 84121m   | 0.335  | ppbv   |        |

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL121020\  
Data File : VL036157.D  
Acq On : 11 Dec 2020 9:58  
Operator : SY/AP  
Sample : L4930-02  
Misc : 400ml/MSVOA L  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_L  
ClientSampleId :  
OFFSITE-SG-1

Manual Integrations  
APPROVED

MMDadoda  
12/15/2020 4:52:12 PM

Quant Time: Dec 16 03:02:10 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL120720AIR.M  
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Mon Dec  
QLast Update : Mon Dec 07 16:56:49 2020  
Response via : Initial Calibration

