

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL090320\  
 Data File : VL035545.D  
 Acq On : 4 Sep 2020 00:30  
 Operator : SY/AP  
 Sample : L3898-06DL 10X  
 Misc : 400ml/MSVOA L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 IA-6DL

Manual Integrations  
 APPROVED

MMDadoda  
 9/8/2020 5:13:02 PM

Quant Time: Sep 05 15:20:10 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL082720AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Thu Aug 27 2020  
 QLast Update : Thu Aug 27 06:46:28 2020  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 5.69  | 49   | 1062814  | 10.00 | ppbv  | 0.00     |
| 33) 1,4-Difluorobenzene | 7.20  | 114  | 4536919  | 10.00 | ppbv  | 0.00     |
| 55) Chlorobenzene-d5    | 12.12 | 117  | 4532078  | 10.00 | ppbv  | 0.00     |

System Monitoring Compounds

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| 68) 1-Bromo-4-Fluorobenzene | 14.46  | 95    | 3291020  | 10.23    | ppbv | 0.00    |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 102.30% |

| Target Compounds           | R.T.  | QIon | Response | Conc   | Units  | Ovalue |
|----------------------------|-------|------|----------|--------|--------|--------|
| 3) Chlorodifluoromethane   | 3.00  | 51   | 14443m   | 0.123  | ppbv   |        |
| 9) Propene                 | 3.03  | 41   | 24648m   | 0.544  | ppbv   |        |
| 11) Trichlorofluoromethane | 3.97  | 101  | 225573   | 0.840  | ppbv   | 98     |
| 13) Ethanol                | 3.62  | 45   | 140791   | 12.531 | ppbv   | 99     |
| 15) Acetone                | 3.86  | 43   | 1319618  | 11.258 | ppbv   | 100    |
| 19) Isopropyl Alcohol      | 3.99  | 45   | 131864   | 1.886  | ppbv # | 93     |
| 20) Methylene Chloride     | 4.36  | 84   | 281404   | 3.223  | ppbv   | 96     |
| 26) Hexane                 | 5.71  | 57   | 117106   | 0.998  | ppbv # | 51     |
| 53) Toluene                | 9.84  | 91   | 90208    | 0.244  | ppbv   | 96     |
| 79) Naphthalene            | 22.27 | 128  | 58809    | 0.104  | ppbv # | 92     |

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

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