

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051420\  
 Data File : VL035021.D  
 Acq On : 14 May 2020 15:48  
 Operator : SY/AP  
 Sample : L2567-05DL 40X  
 Misc : 400ml/MSVOA L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 IA-3DL

Manual Integrations  
 APPROVED

MMDadoda  
 5/18/2020 6:47:46 PM

Quant Time: May 18 09:00:17 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050620AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_LWed May 0  
 QLast Update : Wed May 06 14:49:39 2020  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 5.65  | 49   | 998377   | 10.00 | ppbv  | -0.02    |
| 33) 1,4-Difluorobenzene | 7.17  | 114  | 2321613  | 10.00 | ppbv  | -0.02    |
| 55) Chlorobenzene-d5    | 12.10 | 117  | 2260023  | 10.00 | ppbv  | -0.02    |

System Monitoring Compounds

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| 68) 1-Bromo-4-Fluorobenzene | 14.43  | 95    | 1918259  | 10.49    | ppbv | -0.03   |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 104.90% |

| Target Compounds      | R.T.  | QIon | Response | Conc  | Units  | Ovalue |
|-----------------------|-------|------|----------|-------|--------|--------|
| 13) Ethanol           | 3.57  | 45   | 20234    | 1.240 | ppbv   | 98     |
| 15) Acetone           | 3.82  | 43   | 115970m  | 0.879 | ppbv   |        |
| 19) Isopropyl Alcohol | 3.94  | 45   | 132227   | 1.502 | ppbv # | 93     |
| 53) Toluene           | 9.81  | 91   | 1764554  | 8.696 | ppbv   | 98     |
| 59) m/p-Xylene        | 12.99 | 91   | 126922m  | 0.516 | ppbv   |        |
| 61) Styrene           | 13.55 | 104  | 83838m   | 0.546 | ppbv   |        |

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

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ClientSampled :  
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Manual Integrations  
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