

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL091620\  
 Data File : VL035630.D  
 Acq On : 16 Sep 2020 15:46  
 Operator : SY/AP  
 Sample : L4026-01  
 Misc : 400ml/MSVOA L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 TRC-IA-01

Manual Integrations  
 APPROVED

MMDadoda  
 9/17/2020 1:52:26 PM

Quant Time: Sep 17 07:25:27 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL082720AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Mon Sep 14 2020  
 QLast Update : Mon Sep 14 15:19:50 2020  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 5.66  | 49   | 1017533  | 10.00 | ppbv  | 0.00     |
| 33) 1,4-Difluorobenzene | 7.17  | 114  | 4114935  | 10.00 | ppbv  | 0.00     |
| 55) Chlorobenzene-d5    | 12.09 | 117  | 4247509  | 10.00 | ppbv  | 0.00     |

System Monitoring Compounds

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| 68) 1-Bromo-4-Fluorobenzene | 14.42  | 95    | 3189305  | 10.57    | ppbv | 0.00    |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 105.70% |

| Target Compounds           | R.T.  | QIon | Response | Conc     | Units  | Ovalue |
|----------------------------|-------|------|----------|----------|--------|--------|
| 2) Dichlorodifluoromethane | 3.04  | 85   | 47173m   | 0.268    | ppbv   |        |
| 3) Chlorodifluoromethane   | 2.98  | 51   | 61760m   | 0.549    | ppbv   |        |
| 4) Chloromethane           | 3.13  | 50   | 37798    | 0.627    | ppbv   | 95     |
| 9) Propene                 | 3.01  | 41   | 16333    | 0.376    | ppbv # | 80     |
| 11) Trichlorofluoromethane | 3.94  | 101  | 66696    | 0.259    | ppbv   | 98     |
| 13) Ethanol                | 3.63  | 45   | 12860451 | 1195.547 | ppbv   | 92     |
| 15) Acetone                | 3.84  | 43   | 1152509  | 10.270   | ppbv   | 99     |
| 17) tert-Butyl alcohol     | 4.33  | 59   | 75001    | 0.549    | ppbv   | 98     |
| 20) Methylene Chloride     | 4.33  | 84   | 1702023  | 20.363   | ppbv   | 95     |
| 26) Hexane                 | 5.68  | 57   | 567018   | 5.048    | ppbv # | 49     |
| 34) 2-Butanone             | 5.24  | 43   | 71279    | 0.584    | ppbv   | 99     |
| 35) Carbon Tetrachloride   | 7.01  | 117  | 15433m   | 0.075    | ppbv   |        |
| 36) Benzene                | 6.89  | 78   | 27836    | 0.105    | ppbv   | 96     |
| 44) 2,2,4-Trimethylpentane | 7.87  | 57   | 41008    | 0.117    | ppbv # | 75     |
| 52) Tetrachloroethene      | 11.23 | 164  | 5652m    | 0.036    | ppbv   |        |
| 53) Toluene                | 9.81  | 91   | 135342   | 0.404    | ppbv   | 93     |
| 59) m/p-Xylene             | 12.97 | 91   | 67755m   | 0.185    | ppbv   |        |
| 74) 1,2,4-Trimethylbenzene | 16.77 | 105  | 62221    | 0.131    | ppbv # | 72     |

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

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