

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL033121\  
 Data File : VL036604.D  
 Acq On : 31 Mar 2021 16:27  
 Operator : SY/AP  
 Sample : M1840-04DL 10X  
 Misc : 400mL/MSVOA L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 SSB-SS-2DL

Manual Integrations  
 APPROVED

MMDadoda  
 4/2/2021 6:52:38 PM

Quant Time: Apr 01 22:55:57 2021  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Thu Mar 25 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   | 5.67  | 49   | 1711021  | 10.00 | ppbv  | 0.00     |
| 33) 1,4-Difluorobenzene | 7.18  | 114  | 3990744  | 10.00 | ppbv  | 0.00     |
| 55) Chlorobenzene-d5    | 12.09 | 117  | 3529699  | 10.00 | ppbv  | 0.00     |

| System Monitoring Compounds |        |       |          |          |      |        |
|-----------------------------|--------|-------|----------|----------|------|--------|
| 68) 1-Bromo-4-Fluorobenzene | 14.42  | 95    | 2740477  | 9.74     | ppbv | 0.00   |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 97.40% |

| Target Compounds           | R.T.  | QIon | Response | Conc   | Units  | Ovalue |
|----------------------------|-------|------|----------|--------|--------|--------|
| 9) Propene                 | 3.02  | 41   | 25118    | 0.246  | ppbv   | 94     |
| 13) Ethanol                | 3.62  | 45   | 144300m  | 11.890 | ppbv   |        |
| 15) Acetone                | 3.85  | 43   | 1697924  | 10.082 | ppbv   | 95     |
| 17) tert-Butyl alcohol     | 4.34  | 59   | 65367m   | 0.446  | ppbv   |        |
| 19) Isopropyl Alcohol      | 4.00  | 45   | 114550m  | 1.237  | ppbv   |        |
| 20) Methylene Chloride     | 4.35  | 84   | 209816   | 2.661  | ppbv   | 95     |
| 26) Hexane                 | 5.69  | 57   | 262182   | 1.411  | ppbv # | 46     |
| 32) 1,1,1-Trichloroethane  | 6.51  | 97   | 32789m   | 0.109  | ppbv   |        |
| 34) 2-Butanone             | 5.26  | 43   | 139245   | 0.715  | ppbv # | 78     |
| 37) 1,2-Dichloroethane     | 6.31  | 62   | 182910   | 0.844  | ppbv   | 98     |
| 53) Toluene                | 9.81  | 91   | 46034m   | 0.117  | ppbv   |        |
| 59) m/p-Xylene             | 12.98 | 91   | 120470m  | 0.269  | ppbv   |        |
| 60) o-Xylene               | 13.70 | 91   | 70535m   | 0.163  | ppbv   |        |
| 74) 1,2,4-Trimethylbenzene | 16.78 | 105  | 83591m   | 0.176  | ppbv   |        |

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

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