

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030620\  
 Data File : VL034834.D  
 Acq On : 7 Mar 2020 3:33  
 Operator : SY/AP  
 Sample : L1698-08DL2 300X  
 Misc : 400ml/MSVOA L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 SS-2-4DL2

Manual Integrations  
 APPROVED

MMDadoda  
 3/9/2020 9:21:32 AM

Quant Time: Mar 07 09:35:50 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL030420AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Wed Mar 0  
 QLast Update : Wed Mar 04 06:36:39 2020  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 5.65  | 49   | 892130   | 10.00 | ppbv  | -0.03    |
| 33) 1,4-Difluorobenzene | 7.18  | 114  | 2029902  | 10.00 | ppbv  | -0.03    |
| 55) Chlorobenzene-d5    | 12.10 | 117  | 2013869  | 10.00 | ppbv  | -0.04    |

| System Monitoring Compounds |        | R.T.  | QIon     | Response | Conc | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|------|--------|----------|
| 68) 1-Bromo-4-Fluorobenzene | 14.45  | 95    | 1570776  | 9.35     | ppbv | -0.03  |          |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 93.50% |          |

| Target Compounds           | R.T.  | QIon | Response | Conc   | Units  | Ovalue |
|----------------------------|-------|------|----------|--------|--------|--------|
| 5) Vinyl Chloride          | 3.22  | 62   | 249211   | 4.309  | ppbv   | 96     |
| 9) Propene                 | 2.97  | 41   | 43101    | 1.077  | ppbv   | 92     |
| 10) Heptane                | 8.13  | 43   | 82886    | 0.815  | ppbv   | 98     |
| 26) Hexane                 | 5.68  | 57   | 125699   | 1.559  | ppbv # | 40     |
| 30) Cyclohexane            | 7.13  | 84   | 92798    | 1.504  | ppbv # | 78     |
| 31) cis-1,2-Dichloroethene | 5.54  | 61   | 1216616  | 14.708 | ppbv   | 97     |
| 36) Benzene                | 6.89  | 78   | 109957   | 0.634  | ppbv   | 94     |
| 38) Trichloroethene        | 7.84  | 130  | 116260   | 1.720  | ppbv   | 96     |
| 44) 2,2,4-Trimethylpentane | 7.87  | 57   | 223964   | 0.739  | ppbv # | 76     |
| 52) Tetrachloroethene      | 11.25 | 164  | 40148    | 0.626  | ppbv # | 83     |
| 53) Toluene                | 9.83  | 91   | 38988m   | 0.212  | ppbv   |        |

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

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