

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032919\  
 Data File : VL033522.D  
 Acq On : 30 Mar 2019 4:14  
 Operator : SY/AP  
 Sample : K2042-07DL 10X  
 Misc : 400ml/MSVOA L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 SG-3-CAFETERIADL

Quant Time: Mar 30 05:25:16 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032519AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_LTue Mar 26 16:00:50 2019  
 QLast Update : Tue Mar 26 16:00:50 2019  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 5.76  | 49   | 789608   | 10.00 | ppbv  | 0.00     |
| 33) 1,4-Difluorobenzene | 7.29  | 114  | 1789229  | 10.00 | ppbv  | 0.00     |
| 55) Chlorobenzene-d5    | 12.24 | 117  | 1780610  | 10.00 | ppbv  | 0.00     |

System Monitoring Compounds

|                             |        |       |          |          |      |        |
|-----------------------------|--------|-------|----------|----------|------|--------|
| 68) 1-Bromo-4-Fluorobenzene | 14.57  | 95    | 1369383  | 9.81     | ppbv | 0.00   |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 98.10% |

| Target Compounds       |      |    |        |        | Ovalue    |
|------------------------|------|----|--------|--------|-----------|
| 9) Propene             | 3.05 | 41 | 12467  | 0.327  | ppbv 84   |
| 13) Ethanol            | 3.66 | 45 | 149404 | 15.124 | ppbv 63   |
| 15) Acetone            | 3.90 | 43 | 89941  | 0.947  | ppbv 99   |
| 20) Methylene Chloride | 4.41 | 84 | 56775  | 1.409  | ppbv 92   |
| 25) Ethyl Acetate      | 5.78 | 43 | 25997  | 0.148  | ppbv # 86 |
| 26) Hexane             | 5.78 | 57 | 28158  | 0.360  | ppbv # 45 |
| 53) Toluene            | 9.95 | 91 | 69077  | 0.396  | ppbv 99   |

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

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