

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL123019\  
 Data File : VL034525.D  
 Acq On : 30 Dec 2019 23:47  
 Operator : SY/AP  
 Sample : K6388-01DL 10X  
 Misc : 400ml/MSVOA L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 INFLUENTDL

Manual Integrations  
 APPROVED

apatel  
 1/2/2020 10:49:47 AM

Quant Time: Jan 01 12:55:26 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL123019AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Mon Dec 30 2019  
 QLast Update : Mon Dec 30 14:58:50 2019  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 5.67  | 49   | 979004   | 10.00 | ppbv  | 0.00     |
| 33) 1,4-Difluorobenzene | 7.19  | 114  | 1965306  | 10.00 | ppbv  | 0.00     |
| 55) Chlorobenzene-d5    | 12.13 | 117  | 1911943  | 10.00 | ppbv  | 0.00     |

System Monitoring Compounds

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| 68) 1-Bromo-4-Fluorobenzene | 14.47  | 95    | 1619092  | 10.15    | ppbv | 0.00    |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 101.50% |

| Target Compounds               |      |     |         |       |        | Ovalue |
|--------------------------------|------|-----|---------|-------|--------|--------|
| 12) 1,1,2-Trichlorotrifluoroet | 4.47 | 101 | 14176   | 0.125 | ppbv   | 98     |
| 18) 1,1-Dichloroethene         | 4.27 | 96  | 7026m   | 0.142 | ppbv   |        |
| 24) 1,1-Dichloroethane         | 5.00 | 63  | 150932  | 1.139 | ppbv # | 95     |
| 32) 1,1,1-Trichloroethane      | 6.52 | 97  | 1201160 | 7.113 | ppbv   | 99     |

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

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