

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL120319\  
 Data File : VL034460.D  
 Acq On : 3 Dec 2019 14:46  
 Operator : SY/AP  
 Sample : K6068-02DL2 600X  
 Misc : 400ml/MSVOA L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 SV-2DL2

Manual Integrations  
 APPROVED

apatel  
 12/3/2019 5:04:12 PM

Quant Time: Dec 03 15:18:27 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111919AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Tue Nov 19 14:15:35 2019  
 QLast Update : Tue Nov 19 14:15:35 2019  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 5.69  | 49   | 975869   | 10.00 | ppbv  | 0.00     |
| 33) 1,4-Difluorobenzene | 7.21  | 114  | 1896091  | 10.00 | ppbv  | 0.00     |
| 55) Chlorobenzene-d5    | 12.15 | 117  | 1898348  | 10.00 | ppbv  | 0.00     |

| System Monitoring Compounds |        | R.T.  | QIon     | Response | Conc | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|------|--------|----------|
| 68) 1-Bromo-4-Fluorobenzene | 14.48  | 95    | 1595480  | 9.99     | ppbv | 0.00   |          |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 99.90% |          |

| Target Compounds           | R.T.  | QIon | Response | Conc  | Units | Ovalue |
|----------------------------|-------|------|----------|-------|-------|--------|
| 31) cis-1,2-Dichloroethene | 5.56  | 61   | 25551    | 0.231 | ppbv  | 91     |
| 32) 1,1,1-Trichloroethane  | 6.54  | 97   | 22015m   | 0.135 | ppbv  |        |
| 38) Trichloroethene        | 7.87  | 130  | 685833   | 8.817 | ppbv  | 97     |
| 52) Tetrachloroethene      | 11.27 | 164  | 28350m   | 0.346 | ppbv  |        |

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

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