

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_L\DATA\VL120718\  
 Data File : VL032940.D  
 Acq On : 7 Dec 2018 18:32  
 Operator : SY/AP  
 Sample : J6262-05DL 10X  
 Misc : 400ml/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 IA3DL

Manual Integrations  
 APPROVED

MMDadoda  
 12/11/2018 10:09:11 AM

Quant Time: Dec 10 20:45:44 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_L\METHODS\VL120718AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA\_L Fri Dec 0  
 QLast Update : Fri Dec 07 09:35:17 2018  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 5.76  | 49   | 1337961  | 10.00 | ppbv  | 0.00     |
| 33) 1,4-Difluorobenzene | 7.29  | 114  | 3378115  | 10.00 | ppbv  | 0.00     |
| 55) Chlorobenzene-d5    | 12.24 | 117  | 3170380  | 10.00 | ppbv  | 0.00     |

System Monitoring Compounds

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| 68) 1-Bromo-4-Fluorobenzene | 14.58  | 95    | 2435942  | 10.40    | ppbv | -0.01   |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 104.00% |

| Target Compounds         | R.T.  | QIon | Response | Conc   | Units  | Qvalue |
|--------------------------|-------|------|----------|--------|--------|--------|
| 3) Chlorodifluoromethane | 3.02  | 51   | 63904    | 0.631  | ppbv   | 92     |
| 9) Propene               | 3.05  | 41   | 23122m   | 0.577  | ppbv   |        |
| 13) Ethanol              | 3.65  | 45   | 452112   | 32.773 | ppbv   | 97     |
| 15) Acetone              | 3.91  | 43   | 230805m  | 2.010  | ppbv   |        |
| 19) Isopropyl Alcohol    | 4.03  | 45   | 435566   | 6.039  | ppbv # | 99     |
| 25) Ethyl Acetate        | 5.77  | 43   | 157597   | 0.581  | ppbv # | 94     |
| 26) Hexane               | 5.78  | 57   | 35850    | 0.286  | ppbv # | 10     |
| 36) Benzene              | 7.00  | 78   | 43524    | 0.175  | ppbv   | 94     |
| 52) Tetrachloroethene    | 11.37 | 164  | 9935     | 0.110  | ppbv # | 50     |

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

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