

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL120820\  
 Data File : VL036121.D  
 Acq On : 9 Dec 2020 8:00  
 Operator : SY/AP  
 Sample : L4948-14DL 40X  
 Misc : 400ml/MSVOA L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 SS-6BDL

Manual Integrations  
 APPROVED

MMDadoda  
 12/11/2020 12:24:15 PM

Quant Time: Dec 09 09:18:20 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL120720AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Mon Dec 0  
 QLast Update : Mon Dec 07 16:56:49 2020  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 5.67  | 49   | 1166730  | 10.00 | ppbv  | 0.00     |
| 33) 1,4-Difluorobenzene | 7.18  | 114  | 2327978  | 10.00 | ppbv  | -0.02    |
| 55) Chlorobenzene-d5    | 12.10 | 117  | 2050158  | 10.00 | ppbv  | -0.01    |

System Monitoring Compounds

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| 68) 1-Bromo-4-Fluorobenzene | 14.43  | 95    | 1753125  | 10.77    | ppbv | -0.02   |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 107.70% |

| Target Compounds          | R.T.  | QIon | Response | Conc  | Units  | Ovalue |
|---------------------------|-------|------|----------|-------|--------|--------|
| 9) Propene                | 3.03  | 41   | 20070m   | 0.301 | ppbv   |        |
| 13) Ethanol               | 3.63  | 45   | 51473m   | 5.599 | ppbv   |        |
| 15) Acetone               | 3.87  | 43   | 84692    | 0.604 | ppbv # | 68     |
| 20) Methylene Chloride    | 4.35  | 84   | 23161m   | 0.403 | ppbv   |        |
| 26) Hexane                | 5.70  | 57   | 13406    | 0.106 | ppbv # | 40     |
| 30) Cyclohexane           | 7.14  | 84   | 15997m   | 0.173 | ppbv   |        |
| 32) 1,1,1-Trichloroethane | 6.52  | 97   | 541959   | 3.172 | ppbv   | 95     |
| 34) 2-Butanone            | 5.28  | 43   | 22540m   | 0.146 | ppbv   |        |
| 36) Benzene               | 6.89  | 78   | 29637m   | 0.150 | ppbv   |        |
| 52) Tetrachloroethene     | 11.24 | 164  | 7819m    | 0.109 | ppbv   |        |
| 59) m/p-Xylene            | 12.98 | 91   | 50309m   | 0.213 | ppbv   |        |

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

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