

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL091018\  
 Data File : VL032486.D  
 Acq On : 10 Sep 2018 20:04  
 Operator : SY/AP  
 Sample : J4820-01DL 10X  
 Misc : 400ml/MSVOA L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 239-BERRYDL

Manual Integrations  
 APPROVED

MMDadoda  
 9/12/2018 3:59:37 PM

Quant Time: Sep 11 05:45:16 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL083118AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Fri Aug 31 21:33:46 2018  
 QLast Update : Fri Aug 31 21:33:46 2018  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 5.80  | 49   | 1595009  | 10.00 | ppbv  | -0.01    |
| 33) 1,4-Difluorobenzene | 7.33  | 114  | 3651478  | 10.00 | ppbv  | -0.01    |
| 55) Chlorobenzene-d5    | 12.28 | 117  | 3380322  | 10.00 | ppbv  | -0.01    |

System Monitoring Compounds

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| 68) 1-Bromo-4-Fluorobenzene | 14.62  | 95    | 2598113  | 10.35    | ppbv | -0.01   |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 103.50% |

| Target Compounds       | R.T. | QIon | Response | Conc | Units  | Ovalue |
|------------------------|------|------|----------|------|--------|--------|
| 13) Ethanol            | 3.70 | 45   | 21081m   | 1.16 | ppbv   |        |
| 15) Acetone            | 3.94 | 43   | 157501   | 1.10 | ppbv   | 99     |
| 20) Methylene Chloride | 4.44 | 84   | 107415   | 1.96 | ppbv   | 93     |
| 26) Hexane             | 5.82 | 57   | 77171    | 0.51 | ppbv # | 42     |
| 29) Chloroform         | 5.88 | 83   | 38427    | 0.17 | ppbv   | 98     |

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

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