

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL061421\  
 Data File : VL037149.D  
 Acq On : 14 Jun 2021 14:52  
 Operator : SY/AP  
 Sample : VSTDIC0.1  
 Misc : 400mL/MSVOA L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 VSTDIC0.1

Manual Integrations  
 APPROVED

MMDadoda  
 6/15/2021 5:17:10 PM

Quant Time: Jun 14 16:30:10 2021  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061421AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Tue May 18 2021  
 QLast Update : Tue May 18 12:00:15 2021  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 5.68  | 49   | 1600864  | 10.00 | ppbv  | 0.03     |
| 33) 1,4-Difluorobenzene | 7.19  | 114  | 4723942  | 10.00 | ppbv  | 0.03     |
| 55) Chlorobenzene-d5    | 12.10 | 117  | 4170144  | 10.00 | ppbv  | 0.04     |

System Monitoring Compounds

|                             |        |       |          |          |      |        |
|-----------------------------|--------|-------|----------|----------|------|--------|
| 68) 1-Bromo-4-Fluorobenzene | 14.43  | 95    | 2982990  | 9.52     | ppbv | 0.04   |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 95.20% |

| Target Compounds              | R.T.  | QIon | Response | Conc  | Units  | Ovalue |
|-------------------------------|-------|------|----------|-------|--------|--------|
| 5) Vinyl Chloride             | 3.27  | 62   | 8535m    | 0.078 | ppbv   |        |
| 32) 1,1,1-Trichloroethane     | 6.52  | 97   | 22318    | 0.073 | ppbv # | 81     |
| 35) Carbon Tetrachloride      | 7.03  | 117  | 24065m   | 0.077 | ppbv   |        |
| 38) Trichloroethene           | 7.85  | 130  | 15017m   | 0.086 | ppbv   |        |
| 52) Tetrachloroethene         | 11.24 | 164  | 14354m   | 0.089 | ppbv   |        |
| 63) 1,1,2,2-Tetrachloroethane | 13.69 | 83   | 27334m   | 0.079 | ppbv   |        |

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

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