

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL071119\  
 Data File : VL034025.D  
 Acq On : 11 Jul 2019 20:04  
 Operator : SY/AP  
 Sample : K3747-02DL 10X  
 Misc : 400ml/MSVOA L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 SVS-2DL

Manual Integrations  
 APPROVED

MMDadoda  
 7/12/2019 10:47:06 PM

Quant Time: Jul 12 07:51:27 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL070219AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Tue Jul 0  
 QLast Update : Tue Jul 02 19:31:31 2019  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 5.73  | 49   | 1084296  | 10.00 | ppbv  | -0.01    |
| 33) 1,4-Difluorobenzene | 7.25  | 114  | 2783860  | 10.00 | ppbv  | -0.02    |
| 55) Chlorobenzene-d5    | 12.19 | 117  | 2665944  | 10.00 | ppbv  | -0.01    |

| System Monitoring Compounds |        | R.T.  | QIon     | Response | Conc | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|------|--------|----------|
| 68) 1-Bromo-4-Fluorobenzene | 14.53  | 95    | 2114053  | 9.30     | ppbv | -0.01  |          |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 93.00% |          |

| Target Compounds           | R.T.  | QIon | Response | Conc  | Units | Ovalue |
|----------------------------|-------|------|----------|-------|-------|--------|
| 15) Acetone                | 3.89  | 43   | 135711   | 0.744 | ppbv  | 92     |
| 20) Methylene Chloride     | 4.38  | 84   | 21414m   | 0.269 | ppbv  |        |
| 26) Hexane                 | 5.74  | 57   | 22623m   | 0.198 | ppbv  |        |
| 31) cis-1,2-Dichloroethene | 5.61  | 61   | 25853m   | 0.235 | ppbv  |        |
| 34) 2-Butanone             | 5.32  | 43   | 16312    | 0.111 | ppbv  | 92     |
| 38) Trichloroethene        | 7.91  | 130  | 23454m   | 0.242 | ppbv  |        |
| 52) Tetrachloroethene      | 11.34 | 164  | 5745m    | 0.061 | ppbv  |        |
| 53) Toluene                | 9.90  | 91   | 205938   | 0.826 | ppbv  | 98     |
| 58) Ethyl Benzene          | 12.82 | 91   | 37209m   | 0.116 | ppbv  |        |
| 59) m/p-Xylene             | 13.08 | 91   | 171152m  | 0.590 | ppbv  |        |
| 60) o-Xylene               | 13.80 | 91   | 55431m   | 0.191 | ppbv  |        |
| 74) 1,2,4-Trimethylbenzene | 16.88 | 105  | 92944m   | 0.242 | ppbv  |        |

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

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