

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_L\DATA\VL101718\  
 Data File : VL032645.D  
 Acq On : 17 Oct 2018 17:37  
 Operator : SY/AP  
 Sample : J5500-01DLDP 40X  
 Misc : 400ml/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 SS08-MIVIDLDP

Manual Integrations  
 APPROVED

MMDadoda  
 10/19/2018 4:36:39 PM

Quant Time: Oct 19 03:12:46 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_L\METHODS\VL101718AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Wed Oct 17 08:55:11 2018  
 QLast Update : Wed Oct 17 08:55:11 2018  
 Response via : Initial Calibration

| Internal Standards      | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------|-------|------|----------|-------|-------|----------|
| 1) Bromochloromethane   | 5.78  | 49   | 1097275  | 10.00 | ppbv  | 0.00     |
| 33) 1,4-Difluorobenzene | 7.31  | 114  | 2543273  | 10.00 | ppbv  | 0.00     |
| 55) Chlorobenzene-d5    | 12.26 | 117  | 2545034  | 10.00 | ppbv  | 0.00     |

System Monitoring Compounds

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| 68) 1-Bromo-4-Fluorobenzene | 14.60  | 95    | 1967806  | 10.27    | ppbv | 0.00    |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 102.70% |

| Target Compounds           | R.T.  | QIon | Response | Conc  | Units | Qvalue |
|----------------------------|-------|------|----------|-------|-------|--------|
| 4) Chloromethane           | 3.18  | 50   | 7407     | 0.15  | ppbv  | # 87   |
| 9) Propene                 | 3.06  | 41   | 141295m  | 4.20  | ppbv  |        |
| 10) Heptane                | 8.27  | 43   | 533905   | 4.24  | ppbv  | 100    |
| 13) Ethanol                | 3.68  | 45   | 16826m   | 1.62  | ppbv  |        |
| 26) Hexane                 | 5.80  | 57   | 939205   | 9.02  | ppbv  | # 43   |
| 29) Chloroform             | 5.86  | 83   | 86431    | 0.47  | ppbv  | 92     |
| 30) Cyclohexane            | 7.27  | 84   | 1247685  | 15.20 | ppbv  | 99     |
| 35) Carbon Tetrachloride   | 7.16  | 117  | 19519m   | 0.10  | ppbv  |        |
| 36) Benzene                | 7.03  | 78   | 215347   | 1.04  | ppbv  | 98     |
| 52) Tetrachloroethene      | 11.41 | 164  | 21137m   | 0.31  | ppbv  |        |
| 53) Toluene                | 9.97  | 91   | 3158750  | 13.44 | ppbv  | 100    |
| 58) Ethyl Benzene          | 12.89 | 91   | 1078864  | 3.77  | ppbv  | 97     |
| 59) m/p-Xylene             | 13.14 | 91   | 2435942  | 9.55  | ppbv  | 100    |
| 60) o-Xylene               | 13.87 | 91   | 785918   | 3.09  | ppbv  | 97     |
| 62) Isopropylbenzene       | 14.84 | 105  | 47623m   | 0.13  | ppbv  |        |
| 64) n-propylbenzene        | 15.74 | 120  | 25299m   | 0.28  | ppbv  |        |
| 72) 4-Ethyltoluene         | 16.02 | 105  | 223757   | 0.81  | ppbv  | 97     |
| 73) 1,3,5-Trimethylbenzene | 16.18 | 105  | 124128   | 0.45  | ppbv  | # 81   |
| 74) 1,2,4-Trimethylbenzene | 16.94 | 105  | 377209   | 1.25  | ppbv  | # 79   |

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

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SS08-MIVIDL DUP

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