Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110823\
Data File : VL040815.D
Acq On : 8 Nov 2023 17:58
Operator : SY/MD
Sample : 05290-01 4X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 09 00:31:56 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101123AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Thu Nov 09 00:25:02 2023
Response via : Initial Calibration

**Instrument :**
MSVOA_L
**ClientSampleId :**
SV1

**Manual Integrations APPROVED**

Reviewed By :Semsettin Yesilyurt 11/11/2023
Supervised By :Mahesh Dadoda 11/13/2023

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) Bromochloromethane | 5.205 | 49 | 1224111 | 10.000 | ppbv | | 0.00 |
| 33) 1,4-Difluorobenzene | 6.661 | 114 | 3059614 | 10.000 | ppbv | | 0.00 |
| 55) Chlorobenzene-d5 | 11.459 | 117 | 2642326 | 10.000 | ppbv | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 68) 1-Bromo-4-Fluorobenzene | 13.770 | 95 | 1978036 | 10.174 | ppbv | | 0.00 |
| Spiked Amount 10.000 | Range 65 - 135 | | Recovery = 101.700% | | | | |
| Target Compounds | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 2.768 | 85 | 31159 | 0.145 | ppbv | | 92 |
| 11) Trichlorofluoromethane | 3.594 | 101 | 26168 | 0.157 | ppbv | | 85 |
| 12) 1,1,2-Trichlorotrifluo... | 4.095 | 101 | 28431m | 0.240 | ppbv | | |
| 13) Ethanol | 3.272 | 45 | 73416m | 4.867 | ppbv | | |
| 15) Acetone | 3.501 | 43 | 460707m | 3.641 | ppbv | | |
| 19) Isopropyl Alcohol | 3.607 | 45 | 64486m | 0.792 | ppbv | | |
| 20) Methylene Chloride | 3.957 | 84 | 169918 | 3.223 | ppbv | | 98 |
| 26) Hexane | 5.227 | 57 | 163212 | 1.288 | ppbv | # | 42 |
| 28) Methyl tert-Butyl Ether | 4.610 | 73 | 25396 | 0.258 | ppbv | | 94 |
| 29) Chloroform | 5.288 | 83 | 29685 | 0.162 | ppbv | | 89 |
| 34) 2-Butanone | 4.803 | 43 | 1178924 | 8.513 | ppbv | | 99 |
| 36) Benzene | 6.382 | 78 | 25353m | 0.108 | ppbv | | |
| 51) 2-Hexanone | 9.562 | 43 | 144920 | 0.804 | ppbv | # | 99 |
| 53) Toluene | 9.224 | 91 | 73610m | 0.263 | ppbv | | |
| 58) Ethyl Benzene | 12.079 | 91 | 35653m | 0.107 | ppbv | | |
| 59) m/p-Xylene | 12.333 | 91 | 97429m | 0.356 | ppbv | | |
| 60) o-Xylene | 13.053 | 91 | 45379m | 0.174 | ppbv | | |
| 74) 1,2,4-Trimethylbenzene | 16.095 | 105 | 49608m | 0.169 | ppbv | | |

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

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