Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030525\
Data File : VL042098.D
Acq On : 05 Mar 2025 11:37
Operator : SY/MD
Sample : Q1483-01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

**Instrument :**
MSVOA_L
**ClientSampleId :**
IA1

**Manual Integrations APPROVED**

Reviewed By :Semsettin Yesilyurt 03/06/2025
Supervised By :Mahesh Dadoda 03/06/2025

Quant Time: Mar 06 01:05:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL022525AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Wed Feb 26 01:08:36 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) Bromochloromethane | 2.800 | 49 | 164488 | 10.000 | ppbv | | 0.00 |
| 33) 1,4-Difluorobenzene | 3.981 | 114 | 384682 | 10.000 | ppbv | | 0.00 |
| 55) Chlorobenzene-d5 | 8.904 | 117 | 315662 | 10.000 | ppbv | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 68) 1-Bromo-4-Fluorobenzene | 10.393 | 95 | 236783 | 9.750 | ppbv | | 0.00 |
| Spiked Amount 10.000 | Range 65 - 135 | | Recovery = 97.500% | | | | |
| Target Compounds | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.505 | 85 | 10655 | 0.623 | ppbv | | 96 |
| 3) Chlorodifluoromethane | 1.482 | 51 | 125818m | 5.263 | ppbv | | |
| 4) Chloromethane | 1.538 | 50 | 4062 | 0.642 | ppbv | | 100 |
| 9) Propene | 1.492 | 41 | 28869m | 2.964 | ppbv | | |
| 11) Trichlorofluoromethane | 1.884 | 101 | 14547 | 0.849 | ppbv | | 96 |
| 13) Ethanol | 1.728 | 45 | 303330 | 490.628 | ppbv | | 93 |
| 15) Acetone | 1.845 | 43 | 161545 | 11.121 | ppbv | | 97 |
| 19) Isopropyl Alcohol | 1.897 | 45 | 70629 | 8.465 | ppbv | # | 73 |
| 20) Methylene Chloride | 2.072 | 84 | 3119 | 0.568 | ppbv | | 93 |
| 26) Hexane | 2.842 | 57 | 3079m | 0.131 | ppbv | | |
| 29) Chloroform | 2.861 | 83 | 23443 | 0.741 | ppbv | | 93 |
| 31) cis-1,2-Dichloroethene | 2.738 | 61 | 3964m | 0.178 | ppbv | | |
| 34) 2-Butanone | 2.576 | 43 | 9892m | 0.330 | ppbv | | |
| 35) Carbon Tetrachloride | 3.784 | 117 | 2434m | 0.092 | ppbv | | |
| 36) Benzene | 3.677 | 78 | 8514 | 0.211 | ppbv | # | 89 |
| 38) Trichloroethene | 4.573 | 130 | 3544m | 0.216 | ppbv | | |
| 52) Tetrachloroethene | 8.247 | 164 | 104028 | 7.546 | ppbv | | 97 |
| 53) Toluene | 6.959 | 91 | 7710m | 0.171 | ppbv | | |
| 59) m/p-Xylene | 9.558 | 91 | 4886m | 0.106 | ppbv | | |
| 76) 1,4-Dichlorobenzene | 11.691 | 146 | 9825 | 0.310 | ppbv | | 88 |

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

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