

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022725\
 Data File : VL042070.D
 Acq On : 27 Feb 2025 12:57
 Operator : SY/MD
 Sample : Q1450-02DUP
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DUP

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 02/28/2025
 Supervised By : Mahesh Dadoda 02/28/2025

Quant Time: Feb 28 00:25:32 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL022525AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

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	2.810	49	170602	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.991	114	392374	10.000	ppbv	0.01
55) Chlorobenzene-d5	8.911	117	332650	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.403	95	262162	10.244	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.505	85	7619	0.429	ppbv #	79
3) Chlorodifluoromethane	1.486	51	8162m	0.329	ppbv	
4) Chloromethane	1.541	50	2139	0.326	ppbv #	76
9) Propene	1.495	41	7384m	0.731	ppbv	
10) Heptane	5.023	43	14697	0.467	ppbv	99
11) Trichlorofluoromethane	1.890	101	4143	0.233	ppbv	90
13) Ethanol	1.735	45	7066	11.019	ppbv #	33
15) Acetone	1.848	43	106666	7.080	ppbv	99
19) Isopropyl Alcohol	1.900	45	7506	0.867	ppbv #	1
20) Methylene Chloride	2.078	84	2706	0.475	ppbv	99
26) Hexane	2.848	57	5295	0.217	ppbv #	45
34) 2-Butanone	2.583	43	11019	0.360	ppbv	93
35) Carbon Tetrachloride	3.803	117	1904m	0.070	ppbv	
36) Benzene	3.690	78	8493m	0.207	ppbv	
50) 4-Methyl-2-Pentanone	5.826	43	4887m	0.124	ppbv	
52) Tetrachloroethene	8.257	164	2194m	0.156	ppbv	
53) Toluene	6.975	91	139501	3.039	ppbv	98
58) Ethyl Benzene	9.386	91	10801	0.176	ppbv	95
59) m/p-Xylene	9.558	91	30787m	0.632	ppbv	
60) o-Xylene	9.992	91	13620	0.278	ppbv	99
61) Styrene	9.895	104	3619m	0.157	ppbv	
74) 1,2,4-Trimethylbenzene	11.561	105	10119	0.173	ppbv #	61
79) Naphthalene	13.536	128	4850	0.121	ppbv	97

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

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