

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100925\
 Data File : VL043083.D
 Acq On : 09 Oct 2025 12:09
 Operator : SY/MD
 Sample : Q3320-01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/10/2025
 Supervised By :Mahesh Dadoda 10/10/2025

Quant Time: Oct 09 22:13:46 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL100225AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2025

QLast Update : Fri Oct 03 08:23:34 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	2.774	49	181836	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.939	114	493969	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.862	117	418241	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.361 95 322719 10.711 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 107.100%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.492	85	13689	0.447	ppbv	98
3) Chlorodifluoromethane	1.470	51	12816m	0.432	ppbv	
4) Chloromethane	1.528	50	7370	0.658	ppbv	97
9) Propene	1.483	41	12110	1.013	ppbv #	77
11) Trichlorofluoromethane	1.871	101	7176	0.228	ppbv	94
13) Ethanol	1.716	45	279631	644.253	ppbv	88
15) Acetone	1.829	43	177142	6.958	ppbv	99
17) tert-Butyl alcohol	2.036	59	4919	0.183	ppbv #	93
19) Isopropyl Alcohol	1.878	45	26869	2.203	ppbv #	1
20) Methylene Chloride	2.052	84	9689	0.872	ppbv	98
26) Hexane	2.816	57	12465	0.507	ppbv #	39
29) Chloroform	2.832	83	8469	0.202	ppbv	92
34) 2-Butanone	2.548	43	21887	0.653	ppbv	94
35) Carbon Tetrachloride	3.745	117	3705	0.091	ppbv #	84
36) Benzene	3.638	78	5219	0.111	ppbv #	87
38) Trichloroethene	4.528	130	1400m	0.071	ppbv	
50) 4-Methyl-2-Pentanone	5.729	43	9061m	0.222	ppbv	
51) 2-Hexanone	7.419	43	4173m	0.143	ppbv	
52) Tetrachloroethene	8.199	164	1024m	0.059	ppbv	
53) Toluene	6.911	91	7507m	0.158	ppbv	
63) 1,1,2,2-Tetrachloroethane	9.950	83	1822m	0.047	ppbv	

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

Manual Integrations

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