

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL090825\
 Data File : VL042914.D
 Acq On : 08 Sep 2025 21:45
 Operator : SY/MD
 Sample : Q3052-04DUP
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OA1DUP

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/09/2025
 Supervised By :Mahesh Dadoda 09/11/2025

Quant Time: Sep 09 01:00:29 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081325AIR.M

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

QLast Update : Tue Sep 09 00:52:26 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.781	49	131415	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.946	114	322981	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.872	117	272303	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.368	95	204384	10.008	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.100%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.493	85	9503	0.493	ppbv	98
3) Chlorodifluoromethane	1.470	51	21749	1.022	ppbv	96
4) Chloromethane	1.528	50	4116	0.530	ppbv	97
9) Propene	1.480	41	7120	0.774	ppbv	98
11) Trichlorofluoromethane	1.871	101	4428	0.233	ppbv	94
13) Ethanol	1.716	45	16799	19.983	ppbv	93
15) Acetone	1.833	43	70651	4.064	ppbv	95
19) Isopropyl Alcohol	1.881	45	22696	2.186	ppbv #	40
20) Methylene Chloride	2.056	84	6670	0.916	ppbv	91
23) Vinyl Acetate	2.447	43	9712	0.406	ppbv #	95
26) Hexane	2.816	57	12323	0.635	ppbv #	40
34) 2-Butanone	2.554	43	8271	0.379	ppbv	99
35) Carbon Tetrachloride	3.752	117	2029m	0.091	ppbv	
36) Benzene	3.645	78	7688	0.249	ppbv #	87
44) 2,2,4-Trimethylpentane	4.632	57	9807m	0.187	ppbv	
52) Tetrachloroethene	8.215	164	490m	0.044	ppbv	
53) Toluene	6.924	91	13774m	0.375	ppbv	
59) m/p-Xylene	9.520	91	5987m	0.159	ppbv	

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

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