

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110625\
 Data File : VL043164.D
 Acq On : 06 Nov 2025 13:17
 Operator : SY/MD
 Sample : Q3557-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 141-IA-1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/07/2025
 Supervised By :Mahesh Dadoda 11/10/2025

Quant Time: Nov 07 00:21:42 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101425AIR.M

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

QLast Update : Wed Oct 15 02:12:58 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.790	49	115366	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	342427	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.881	117	290452	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	237353	10.513	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.100%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	24649	1.503	ppbv	96
3) Chlorodifluoromethane	1.476	51	4525m	0.255	ppbv	
4) Chloromethane	1.534	50	2908	0.448	ppbv	96
9) Propene	1.489	41	18904m	2.402	ppbv	
10) Heptane	4.985	43	4298m	0.190	ppbv	
11) Trichlorofluoromethane	1.884	101	5366	0.334	ppbv	94
13) Ethanol	1.722	45	76195	26.173	ppbv	100
15) Acetone	1.839	43	138148	8.884	ppbv	92
19) Isopropyl Alcohol	1.887	45	9578	0.989	ppbv #	1
20) Methylene Chloride	2.065	84	97396	15.846	ppbv	93
26) Hexane	2.832	57	122149	6.875	ppbv #	42
30) Cyclohexane	3.865	84	3316	0.214	ppbv #	79
34) 2-Butanone	2.560	43	34716	1.508	ppbv	99
35) Carbon Tetrachloride	3.768	117	1853m	0.075	ppbv	
36) Benzene	3.661	78	12305	0.382	ppbv	98
44) 2,2,4-Trimethylpentane	4.641	57	17870	0.328	ppbv #	78
51) 2-Hexanone	7.441	43	11366m	0.477	ppbv	
53) Toluene	6.936	91	22705	0.593	ppbv	97
58) Ethyl Benzene	9.360	91	5488m	0.110	ppbv	
59) m/p-Xylene	9.535	91	15295	0.385	ppbv	99
60) o-Xylene	9.969	91	5758	0.147	ppbv	94
74) 1,2,4-Trimethylbenzene	11.539	105	5751	0.129	ppbv #	55
79) Naphthalene	13.516	128	6216m	0.133	ppbv	

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

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