

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111125\
 Data File : VL043184.D
 Acq On : 11 Nov 2025 11:09
 Operator : SY/MD
 Sample : Q3594-01DUP
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1ADUP

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/13/2025
 Supervised By :Mahesh Dadoda 11/13/2025

Quant Time: Nov 12 00:15:44 2025

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

Quant Title : AIR ANALYSIS BY METHOD T0-15 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	2.800	49	143981	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.975	114	398798	10.000	ppbv	0.01
55) Chlorobenzene-d5	8.895	117	340442	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.387	95	266301	10.064	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.600%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.505	85	8544	0.417	ppbv	97
3) Chlorodifluoromethane	1.483	51	6743m	0.304	ppbv	
4) Chloromethane	1.538	50	2866	0.353	ppbv	99
9) Propene	1.489	41	35319	3.596	ppbv	93
10) Heptane	5.004	43	31474m	1.113	ppbv	
11) Trichlorofluoromethane	1.887	101	5001	0.250	ppbv	99
13) Ethanol	1.729	45	84846	23.353	ppbv	99
15) Acetone	1.848	43	78644m	4.052	ppbv	
19) Isopropyl Alcohol	1.894	45	27223	2.252	ppbv #	49
20) Methylene Chloride	2.072	84	173370	22.601	ppbv	97
26) Hexane	2.839	57	434603	19.598	ppbv #	42
30) Cyclohexane	3.871	84	10539	0.545	ppbv	85
34) 2-Butanone	2.567	43	6659	0.248	ppbv	100
35) Carbon Tetrachloride	3.771	117	2007m	0.070	ppbv	
36) Benzene	3.674	78	56958	1.516	ppbv	97
44) 2,2,4-Trimethylpentane	4.661	57	88418	1.395	ppbv #	89
52) Tetrachloroethene	8.238	164	567m	0.042	ppbv	
53) Toluene	6.953	91	169684	3.806	ppbv	99
58) Ethyl Benzene	9.367	91	42063	0.720	ppbv	97
59) m/p-Xylene	9.542	91	110065	2.362	ppbv	97
60) o-Xylene	9.976	91	40598	0.882	ppbv	98
62) Isopropylbenzene	10.552	105	16119	0.194	ppbv	100
72) 4-Ethyltoluene	11.138	105	10901m	0.193	ppbv	
73) 1,3,5-Trimethylbenzene	11.212	105	9165	0.196	ppbv	95
74) 1,2,4-Trimethylbenzene	11.545	105	37147	0.711	ppbv #	50
76) 1,4-Dichlorobenzene	11.685	146	4152	0.136	ppbv	94

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

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