

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110625\
 Data File : VL043159.D
 Acq On : 06 Nov 2025 10:17
 Operator : SY/MD
 Sample : Q3555-02DUP
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 151-IA-2DUP

Manual Integrations
 APPROVED

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

Quant Time: Nov 07 00:19:08 2025

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

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

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	118024	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	354784	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.881	117	303947	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	238666	10.102	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.000%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.502	85	7609	0.453	ppbv	94
3) Chlorodifluoromethane	1.479	51	5305m	0.292	ppbv	
4) Chloromethane	1.534	50	2577	0.388	ppbv	98
9) Propene	1.489	41	3944	0.490	ppbv	85
10) Heptane	4.991	43	2953m	0.127	ppbv	
11) Trichlorofluoromethane	1.881	101	5437	0.331	ppbv	98
13) Ethanol	1.722	45	124950	41.954	ppbv	96
15) Acetone	1.839	43	97541	6.132	ppbv	95
17) tert-Butyl alcohol	2.046	59	2284m	0.105	ppbv	
19) Isopropyl Alcohol	1.887	45	278208	28.080	ppbv #	37
20) Methylene Chloride	2.065	84	3186	0.507	ppbv	96
26) Hexane	2.832	57	18040	0.992	ppbv #	56
29) Chloroform	2.848	83	16144	0.613	ppbv	93
30) Cyclohexane	3.861	84	1460m	0.092	ppbv	
34) 2-Butanone	2.560	43	6502	0.273	ppbv	99
35) Carbon Tetrachloride	3.768	117	2069	0.081	ppbv #	93
36) Benzene	3.664	78	6423m	0.192	ppbv	
37) 1,2-Dichloroethane	3.221	62	4176	0.217	ppbv	96
44) 2,2,4-Trimethylpentane	4.648	57	5811m	0.103	ppbv	
53) Toluene	6.936	91	20621	0.520	ppbv	95
59) m/p-Xylene	9.532	91	11376m	0.273	ppbv	
60) o-Xylene	9.966	91	4406m	0.107	ppbv	

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

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