

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110625\
 Data File : VL043176.D
 Acq On : 06 Nov 2025 20:03
 Operator : SY/MD
 Sample : Q3556-04 2X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 131-SG-2

Manual Integrations
 APPROVED

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

Quant Time: Nov 07 00:28:00 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	2.784	49	130480	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.955	114	360019	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.875	117	309583	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.374	95	240054	9.976	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.499	85	4362	0.235	ppbv	99
3) Chlorodifluoromethane	1.476	51	2918m	0.145	ppbv	
9) Propene	1.486	41	3526	0.396	ppbv	94
11) Trichlorofluoromethane	1.877	101	2266	0.125	ppbv	94
13) Ethanol	1.722	45	34752	10.555	ppbv	100
15) Acetone	1.835	43	111827	6.359	ppbv	91
17) tert-Butyl alcohol	2.039	59	3728	0.154	ppbv #	76
19) Isopropyl Alcohol	1.887	45	6484	0.592	ppbv #	1
20) Methylene Chloride	2.062	84	4427	0.637	ppbv #	86
26) Hexane	2.826	57	7014	0.349	ppbv #	39
29) Chloroform	2.845	83	19971	0.686	ppbv	99
34) 2-Butanone	2.557	43	19902	0.822	ppbv	99
35) Carbon Tetrachloride	3.768	117	806m	0.031	ppbv	
36) Benzene	3.654	78	52069	1.536	ppbv	97
50) 4-Methyl-2-Pentanone	5.771	43	5146m	0.154	ppbv	
52) Tetrachloroethene	8.221	164	1295m	0.106	ppbv	
53) Toluene	6.927	91	4087m	0.102	ppbv	
62) Isopropylbenzene	10.536	105	35300	0.467	ppbv	97

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

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