

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL120825\
 Data File : VL043314.D
 Acq On : 08 Dec 2025 15:37
 Operator : SY/MD
 Sample : Q3799-04
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 11-IA-1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/09/2025
 Supervised By :Mahesh Dadoda 12/11/2025

Quant Time: Dec 09 00:12:22 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111825AIR.M

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

QLast Update : Wed Nov 19 01:11:25 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.781	49	138499	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.946	114	354324	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.869	117	279503	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.364	95	214484	10.469	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.700%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.496	85	7849	0.402	ppbv	96
3) Chlorodifluoromethane	1.473	51	6392m	0.333	ppbv	
4) Chloromethane	1.531	50	3636	0.498	ppbv	94
9) Propene	1.483	41	6390	0.783	ppbv #	86
11) Trichlorofluoromethane	1.878	101	4305	0.227	ppbv	98
13) Ethanol	1.722	45	1527543	532.508	ppbv	91
15) Acetone	1.832	43	153023	7.952	ppbv	100
17) tert-Butyl alcohol	2.040	59	3031	0.120	ppbv	100
19) Isopropyl Alcohol	1.884	45	507615	46.685	ppbv #	37
20) Methylene Chloride	2.059	84	6519	0.396	ppbv	88
26) Hexane	2.823	57	22119	1.216	ppbv #	58
34) 2-Butanone	2.554	43	8673	0.347	ppbv #	90
35) Carbon Tetrachloride	3.755	117	2524	0.094	ppbv #	86
36) Benzene	3.648	78	5240	0.154	ppbv	94
52) Tetrachloroethene	8.215	164	1184m	0.094	ppbv	
53) Toluene	6.917	91	10274m	0.256	ppbv	
59) m/p-Xylene	9.519	91	5340m	0.124	ppbv	

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

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