

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL120825\
 Data File : VL043318.D
 Acq On : 08 Dec 2025 18:11
 Operator : SY/MD
 Sample : Q3797-04
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA2

Manual Integrations
 APPROVED

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

Quant Time: Dec 09 00:14:12 2025

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

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

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	2.777	49	136415	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.943	114	365129	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.862	117	291200	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.361	95	228919	10.725	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	107.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.496	85	8814	0.458	ppbv	95
3) Chlorodifluoromethane	1.470	51	9356m	0.494	ppbv	
4) Chloromethane	1.528	50	3400	0.473	ppbv	95
9) Propene	1.486	41	13195	1.642	ppbv #	1
10) Heptane	4.959	43	7600m	0.318	ppbv	
11) Trichlorofluoromethane	1.874	101	4602	0.247	ppbv	90
13) Ethanol	1.716	45	419351	148.421	ppbv	99
15) Acetone	1.829	43	315277	16.635	ppbv	99
17) tert-Butyl alcohol	2.036	59	4705	0.189	ppbv #	94
19) Isopropyl Alcohol	1.881	45	150303	14.034	ppbv #	76
20) Methylene Chloride	2.056	84	16804	2.413	ppbv	93
26) Hexane	2.820	57	9660	0.539	ppbv	90
29) Chloroform	2.839	83	108046	4.242	ppbv	98
34) 2-Butanone	2.548	43	42408	1.645	ppbv	99
35) Carbon Tetrachloride	3.745	117	1552m	0.056	ppbv	
36) Benzene	3.645	78	7357	0.210	ppbv	95
41) Tetrahydrofuran	3.043	42	29405	2.066	ppbv	98
43) Methyl Methacrylate	4.862	69	31796	1.713	ppbv	99
52) Tetrachloroethene	8.196	164	587m	0.045	ppbv	
53) Toluene	6.911	91	28236	0.682	ppbv	99
58) Ethyl Benzene	9.335	91	9277m	0.166	ppbv	
59) m/p-Xylene	9.516	91	34215m	0.761	ppbv	
60) o-Xylene	9.947	91	12433	0.277	ppbv	99
61) Styrene	9.856	104	6568	0.334	ppbv	94
74) 1,2,4-Trimethylbenzene	11.526	105	10850	0.217	ppbv #	47

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

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