

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111825\
 Data File : VL043214.D
 Acq On : 18 Nov 2025 15:57
 Operator : SY/MD
 Sample : Q3651-03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/19/2025
 Supervised By :Mahesh Dadoda 11/19/2025

Quant Time: Nov 19 01:35:56 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	2.794	49	106759	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	3.962	114	268208	10.000	ppbv	0.01
55) Chlorobenzene-d5	8.879	117	212527	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.374	95	163992	10.527	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.300%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	5568	0.370	ppbv	98
3) Chlorodifluoromethane	1.473	51	3017m	0.204	ppbv	
4) Chloromethane	1.531	50	3558	0.632	ppbv	97
5) Vinyl Chloride	1.577	62	330	0.054	ppbv	89
9) Propene	1.486	41	733068	116.578	ppbv #	1
10) Heptane	4.975	43	12441m	0.665	ppbv	
11) Trichlorofluoromethane	1.875	101	3417	0.234	ppbv	90
13) Ethanol	1.722	45	69367	31.371	ppbv	99
15) Acetone	1.842	43	3744141	252.430	ppbv #	54
18) 1,1-Dichloroethene	2.033	96	2201	0.415	ppbv #	91
19) Isopropyl Alcohol	1.891	45	1147126	136.866	ppbv #	36
20) Methylene Chloride	2.072	84	4971676m	1233.576	ppbv	
22) trans-1,2-Dichloroethene	2.341	96	1410	0.233	ppbv #	73
25) Ethyl Acetate	2.855	43	6786931	212.157	ppbv #	53
29) Chloroform	2.868	83	3234	0.162	ppbv	90
30) Cyclohexane	3.862	84	3676m	0.313	ppbv	
34) 2-Butanone	2.561	43	62135m	3.282	ppbv	
35) Carbon Tetrachloride	3.761	117	1787m	0.088	ppbv	
36) Benzene	3.661	78	4655	0.181	ppbv #	94
37) 1,2-Dichloroethane	3.221	62	8886	0.591	ppbv #	96
41) Tetrahydrofuran	3.059	42	26513	2.536	ppbv #	41
52) Tetrachloroethene	8.231	164	426m	0.045	ppbv	
53) Toluene	6.950	91	5465843	179.711	ppbv	91
58) Ethyl Benzene	9.354	91	59522	1.455	ppbv	98
59) m/p-Xylene	9.529	91	211676	6.454	ppbv	98
60) o-Xylene	9.960	91	59779	1.825	ppbv	97
61) Styrene	9.866	104	7297	0.509	ppbv #	77
69) p-Isopropyltoluene	11.924	119	19009	0.307	ppbv	94
72) 4-Ethyltoluene	11.122	105	4522	0.113	ppbv #	55
73) 1,3,5-Trimethylbenzene	11.199	105	4548	0.136	ppbv	90
74) 1,2,4-Trimethylbenzene	11.533	105	21546	0.590	ppbv #	49
79) Naphthalene	13.513	128	3926m	0.121	ppbv	

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

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