

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092225\
 Data File : VL042980.D
 Acq On : 23 Sep 2025 04:44
 Operator : SY/MD
 Sample : Q3132-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 151-1A-2

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/24/2025
 Supervised By :Semsettin Yesilyurt 09/24/2025

Quant Time: Sep 24 01:16:31 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M

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

QLast Update : Tue Sep 23 02:39:16 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.790	49	144544	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	414049	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	363422	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.380	95	284547	10.489	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.900%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	8977	0.462	ppbv	98
3) Chlorodifluoromethane	1.473	51	5094m	0.210	ppbv	
4) Chloromethane	1.534	50	4319	0.491	ppbv #	84
9) Propene	1.489	41	5457m	0.518	ppbv	
10) Heptane	4.988	43	7737m	0.275	ppbv	
11) Trichlorofluoromethane	1.881	101	8542	0.456	ppbv	97
13) Ethanol	1.722	45	341697	334.148	ppbv	96
15) Acetone	1.839	43	237044m	12.591	ppbv	
19) Isopropyl Alcohol	1.887	45	847050	74.844	ppbv #	38
20) Methylene Chloride	2.065	84	7194	0.656	ppbv #	83
26) Hexane	2.832	57	73023	3.367	ppbv #	57
29) Chloroform	2.852	83	26341	0.929	ppbv	97
30) Cyclohexane	3.865	84	4120m	0.227	ppbv	
34) 2-Butanone	2.564	43	15549	0.536	ppbv	99
35) Carbon Tetrachloride	3.771	117	1894m	0.070	ppbv	
36) Benzene	3.661	78	17329	0.446	ppbv	95
37) 1,2-Dichloroethane	3.221	62	4279	0.209	ppbv	100
41) Tetrahydrofuran	3.069	42	2477m	0.149	ppbv	
44) 2,2,4-Trimethylpentane	4.645	57	15144m	0.226	ppbv	
50) 4-Methyl-2-Pentanone	5.784	43	4249m	0.109	ppbv	
52) Tetrachloroethene	8.234	164	469	0.031	ppbv #	31
53) Toluene	6.940	91	60968	1.325	ppbv	100
58) Ethyl Benzene	9.357	91	14102	0.236	ppbv	99
59) m/p-Xylene	9.535	91	39034	0.830	ppbv #	100
60) o-Xylene	9.969	91	12216	0.260	ppbv	94
61) Styrene	9.872	104	4201	0.189	ppbv	94
74) 1,2,4-Trimethylbenzene	11.539	105	12546	0.238	ppbv #	67

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

