

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092225\
 Data File : VL042978.D
 Acq On : 23 Sep 2025 03:33
 Operator : SY/MD
 Sample : Q3132-01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 151-1A-1

Manual Integrations
 APPROVED

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

Quant Time: Sep 24 01:15:04 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	147886	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	425027	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	381413	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	292609	10.277	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.499	85	8962	0.451	ppbv #	88
3) Chlorodifluoromethane	1.476	51	10475m	0.423	ppbv	
4) Chloromethane	1.534	50	4832	0.537	ppbv	100
9) Propene	1.486	41	6247m	0.579	ppbv	
10) Heptane	4.985	43	11414	0.397	ppbv	93
11) Trichlorofluoromethane	1.881	101	9406	0.490	ppbv	97
13) Ethanol	1.722	45	474338	453.376	ppbv	96
15) Acetone	1.835	43	337179m	17.505	ppbv	
17) tert-Butyl alcohol	2.043	59	3020m	0.143	ppbv	
19) Isopropyl Alcohol	1.887	45	1467264	126.716	ppbv #	37
20) Methylene Chloride	2.065	84	29189	4.730	ppbv	94
26) Hexane	2.829	57	42948	1.935	ppbv #	78
29) Chloroform	2.852	83	30052	1.036	ppbv	98
30) Cyclohexane	3.865	84	5562m	0.300	ppbv	
34) 2-Butanone	2.560	43	20748	0.697	ppbv	98
35) Carbon Tetrachloride	3.764	117	2167m	0.078	ppbv	
36) Benzene	3.661	78	21071	0.528	ppbv #	94
37) 1,2-Dichloroethane	3.217	62	4072	0.194	ppbv	98
44) 2,2,4-Trimethylpentane	4.645	57	20719m	0.301	ppbv	
52) Tetrachloroethene	8.231	164	605m	0.039	ppbv	
53) Toluene	6.933	91	89031m	1.885	ppbv	
58) Ethyl Benzene	9.357	91	18057	0.288	ppbv	99
59) m/p-Xylene	9.532	91	55110	1.116	ppbv #	100
60) o-Xylene	9.966	91	18333	0.371	ppbv	96
61) Styrene	9.872	104	4240m	0.182	ppbv	
74) 1,2,4-Trimethylbenzene	11.539	105	14343	0.259	ppbv #	64

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

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