

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092225\
 Data File : VL042976.D
 Acq On : 23 Sep 2025 02:22
 Operator : SY/MD
 Sample : Q3131-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 141-1A-2

Manual Integrations
 APPROVED

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

Quant Time: Sep 24 01:13:59 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	2.787	49	142688	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.959	114	412064	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.882	117	367269	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	280234	10.222	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.200%
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.499	85	72159	3.760	ppbv	94
3) Chlorodifluoromethane	1.470	51	6145m	0.257	ppbv	
4) Chloromethane	1.531	50	3494	0.402	ppbv	94
9) Propene	1.489	41	53781m	5.168	ppbv	
10) Heptane	4.985	43	12088m	0.435	ppbv	
11) Trichlorofluoromethane	1.877	101	7922	0.428	ppbv	99
13) Ethanol	1.722	45	128905	127.697	ppbv	96
15) Acetone	1.835	43	384118m	20.669	ppbv	
17) tert-Butyl alcohol	2.046	59	5375	0.264	ppbv #	72
19) Isopropyl Alcohol	1.887	45	23113	2.069	ppbv #	1
20) Methylene Chloride	2.062	84	7616m	0.755	ppbv	
26) Hexane	2.826	57	143051	6.681	ppbv #	42
29) Chloroform	2.845	83	4013m	0.143	ppbv	
30) Cyclohexane	3.858	84	9777	0.546	ppbv	88
34) 2-Butanone	2.557	43	41609	1.441	ppbv	98
35) Carbon Tetrachloride	3.761	117	2429m	0.091	ppbv	
36) Benzene	3.658	78	27676	0.715	ppbv #	91
37) 1,2-Dichloroethane	3.221	62	4116	0.202	ppbv	99
41) Tetrahydrofuran	3.068	42	6061m	0.365	ppbv	
44) 2,2,4-Trimethylpentane	4.641	57	84058	1.258	ppbv #	89
50) 4-Methyl-2-Pentanone	5.771	43	5299m	0.137	ppbv	
53) Toluene	6.936	91	92307	2.015	ppbv	100
58) Ethyl Benzene	9.357	91	26614	0.441	ppbv	95
59) m/p-Xylene	9.532	91	80258	1.688	ppbv #	100
60) o-Xylene	9.966	91	28894	0.608	ppbv	99
61) Styrene	9.869	104	5085	0.226	ppbv	95
73) 1,3,5-Trimethylbenzene	11.202	105	4817	0.100	ppbv	90
74) 1,2,4-Trimethylbenzene	11.536	105	15499	0.291	ppbv #	66

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

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