

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111825\
 Data File : VL043217.D
 Acq On : 18 Nov 2025 17:40
 Operator : SY/MD
 Sample : Q3651-06
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA3

Manual Integrations
 APPROVED

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

Quant Time: Nov 19 01:37:42 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	2.790	49	99721	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.959	114	263141	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.878	117	208459	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.374	95	152659	9.991	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.900%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	5540	0.394	ppbv	99
3) Chlorodifluoromethane	1.476	51	11837m	0.856	ppbv	
4) Chloromethane	1.534	50	27687	5.265	ppbv #	87
9) Propene	1.489	41	5701	0.971	ppbv #	1
10) Heptane	4.981	43	24657m	1.410	ppbv	
11) Trichlorofluoromethane	1.881	101	2691	0.197	ppbv	89
13) Ethanol	1.722	45	202331	97.961	ppbv	99
15) Acetone	1.835	43	83575	6.032	ppbv	98
17) tert-Butyl alcohol	2.042	59	11636	0.640	ppbv #	84
19) Isopropyl Alcohol	1.887	45	9694	1.238	ppbv #	1
20) Methylene Chloride	2.065	84	23751	5.462	ppbv	97
26) Hexane	2.826	57	18114	1.383	ppbv #	53
27) Carbon Disulfide	2.153	76	6178	0.462	ppbv #	59
29) Chloroform	2.848	83	4559	0.245	ppbv #	81
30) Cyclohexane	3.858	84	1847m	0.168	ppbv	
34) 2-Butanone	2.554	43	521507	28.076	ppbv	99
35) Carbon Tetrachloride	3.768	117	1829m	0.092	ppbv	
36) Benzene	3.661	78	3353	0.133	ppbv #	90
50) 4-Methyl-2-Pentanone	5.768	43	4914m	0.188	ppbv	
53) Toluene	6.936	91	1607514	53.871	ppbv	98
58) Ethyl Benzene	9.354	91	14355	0.358	ppbv	99
59) m/p-Xylene	9.529	91	46716m	1.452	ppbv	
60) o-Xylene	9.963	91	22645	0.705	ppbv	92
61) Styrene	9.872	104	2129	0.151	ppbv	90
74) 1,2,4-Trimethylbenzene	11.536	105	13137	0.367	ppbv #	55
79) Naphthalene	13.516	128	5717	0.180	ppbv #	89

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

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