

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111825\
 Data File : VL043215.D
 Acq On : 18 Nov 2025 16:31
 Operator : SY/MD
 Sample : Q3651-03DUP
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DUP

Manual Integrations
 APPROVED

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

Quant Time: Nov 19 01:36:31 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	112956	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.955	114	275778	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.875	117	220714	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.371	95	161385	9.975	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.800%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	5900	0.370	ppbv	91
3) Chlorodifluoromethane	1.473	51	3387m	0.216	ppbv	
4) Chloromethane	1.531	50	3670	0.616	ppbv	97
5) Vinyl Chloride	1.577	62	336	0.052	ppbv #	85
9) Propene	1.486	41	756866	113.759	ppbv #	2
10) Heptane	4.978	43	11968m	0.604	ppbv	
11) Trichlorofluoromethane	1.874	101	3207	0.208	ppbv	97
13) Ethanol	1.722	45	70202	30.007	ppbv	100
15) Acetone	1.842	43	3739760	238.302	ppbv #	53
18) 1,1-Dichloroethene	2.033	96	2720	0.485	ppbv #	68
19) Isopropyl Alcohol	1.891	45	1161668	130.997	ppbv #	36
20) Methylene Chloride	2.052	84	4973494m	1166.279	ppbv	
22) trans-1,2-Dichloroethene	2.340	96	1314	0.205	ppbv	80
25) Ethyl Acetate	2.852	43	6807949	201.138	ppbv #	53
29) Chloroform	2.865	83	3172m	0.150	ppbv	
30) Cyclohexane	3.855	84	3381m	0.272	ppbv	
34) 2-Butanone	2.557	43	63131m	3.243	ppbv	
35) Carbon Tetrachloride	3.765	117	1619m	0.077	ppbv	
36) Benzene	3.654	78	4765	0.180	ppbv #	83
37) 1,2-Dichloroethane	3.221	62	9714	0.629	ppbv	99
41) Tetrahydrofuran	3.056	42	26404	2.456	ppbv #	41
52) Tetrachloroethene	8.208	164	316m	0.032	ppbv	
53) Toluene	6.946	91	5490786	175.576	ppbv	91
58) Ethyl Benzene	9.351	91	59564	1.402	ppbv	94
59) m/p-Xylene	9.526	91	212021m	6.225	ppbv	
60) o-Xylene	9.956	91	60853	1.788	ppbv	98
61) Styrene	9.862	104	7612	0.511	ppbv #	83
69) p-Isopropyltoluene	11.921	119	18765	0.292	ppbv	99
72) 4-Ethyltoluene	11.121	105	4597	0.111	ppbv #	55
73) 1,3,5-Trimethylbenzene	11.196	105	4991	0.144	ppbv	98
74) 1,2,4-Trimethylbenzene	11.532	105	21383	0.563	ppbv #	49

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

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