

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL112025\
 Data File : VL043262.D
 Acq On : 20 Nov 2025 13:24
 Operator : SY/MD
 Sample : Q3655-02 2X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-2

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/21/2025
 Supervised By :Mahesh Dadoda 11/21/2025

Quant Time: Nov 21 00:38:13 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	2.787	49	103900	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.956	114	279180	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.875	117	219347	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.371	95	166068	10.329	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.300%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	3828	0.261	ppbv	98
3) Chlorodifluoromethane	1.473	51	1983m	0.138	ppbv	
4) Chloromethane	1.535	50	3761	0.686	ppbv	92
6) Bromomethane	1.667	94	989	0.340	ppbv	94
9) Propene	1.486	41	3938	0.643	ppbv #	1
11) Trichlorofluoromethane	1.878	101	1889	0.133	ppbv	99
13) Ethanol	1.722	45	14583	6.777	ppbv	91
15) Acetone	1.836	43	365584	25.326	ppbv	98
17) tert-Butyl alcohol	2.043	59	3910	0.206	ppbv #	62
19) Isopropyl Alcohol	1.884	45	52673	6.457	ppbv #	1
20) Methylene Chloride	2.062	84	6938	0.918	ppbv #	87
26) Hexane	2.826	57	11396	0.835	ppbv #	44
27) Carbon Disulfide	2.153	76	3676	0.264	ppbv #	1
31) cis-1,2-Dichloroethene	2.719	61	2376	0.175	ppbv #	93
34) 2-Butanone	2.558	43	26112	1.325	ppbv	96
35) Carbon Tetrachloride	3.765	117	934m	0.044	ppbv	
36) Benzene	3.655	78	5648	0.211	ppbv #	91
38) Trichloroethene	4.542	130	4693m	0.449	ppbv	
52) Tetrachloroethene	8.222	164	292708	29.432	ppbv	97
53) Toluene	6.930	91	10271m	0.324	ppbv	
59) m/p-Xylene	9.526	91	11087m	0.328	ppbv	
60) o-Xylene	9.963	91	4116	0.122	ppbv	94
74) 1,2,4-Trimethylbenzene	11.533	105	6527	0.173	ppbv #	51

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

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