

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080425\
 Data File : VL042800.D
 Acq On : 04 Aug 2025 12:23
 Operator : SY/MD
 Sample : Q2750-01DUP
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 WONDER IA-2DUP

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 08/06/2025
 Supervised By : Mahesh Dadoda 08/06/2025

Quant Time: Aug 05 01:02:49 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072325AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 5 2025

QLast Update : Thu Jul 24 05:24:41 2025

Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	2.787	49	171645	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.952	114	484996	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.878	117	419893	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	351197	10.561	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	= 105.600%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.496	85	12466	0.549	ppbv	99
3) Chlorodifluoromethane	1.473	51	1678405	56.774	ppbv #	79
4) Chloromethane	1.531	50	70791	7.710	ppbv	99
9) Propene	1.486	41	172174m	16.024	ppbv	
10) Heptane	4.985	43	7448m	0.257	ppbv	
11) Trichlorofluoromethane	1.874	101	4766	0.204	ppbv	89
13) Ethanol	1.726	45	4743135	6061.609	ppbv	93
15) Acetone	1.832	43	2271716	95.847	ppbv #	77
19) Isopropyl Alcohol	1.991	45	26711107m	2120.728	ppbv	
20) Methylene Chloride	2.062	84	16776	2.246	ppbv	87
23) Vinyl Acetate	2.460	43	57901	2.015	ppbv #	93
25) Ethyl Acetate	2.842	43	274990m	5.242	ppbv	
26) Hexane	2.823	57	42707	1.856	ppbv #	1
27) Carbon Disulfide	2.146	76	67073	3.404	ppbv #	65
29) Chloroform	2.849	83	28648	0.806	ppbv	88
34) 2-Butanone	2.564	43	55250	1.608	ppbv	93
35) Carbon Tetrachloride	3.765	117	3994m	0.111	ppbv	
36) Benzene	3.651	78	12369	0.269	ppbv	98
41) Tetrahydrofuran	3.065	42	9821m	0.562	ppbv	
44) 2,2,4-Trimethylpentane	4.642	57	8220m	0.110	ppbv	
52) Tetrachloroethene	8.215	164	592m	0.031	ppbv	
53) Toluene	6.927	91	40915	0.829	ppbv	95
59) m/p-Xylene	9.529	91	13111m	0.247	ppbv	
61) Styrene	9.869	104	4865	0.218	ppbv	93
69) p-Isopropyltoluene	11.924	119	54508	0.677	ppbv	95
79) Naphthalene	13.513	128	2980	0.481	ppbv #	93
81) 1,2,4-Trichlorobenzene	13.442	180	654m	0.453	ppbv	

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

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