

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080425\
 Data File : VL042807.D
 Acq On : 04 Aug 2025 16:17
 Operator : SY/MD
 Sample : Q2750-08
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 WONDER IA-9

Manual Integrations
 APPROVED

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

Quant Time: Aug 05 01:08:21 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	2.790	49	157969	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	449056	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	389304	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.380 95 321819 10.438 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 104.400%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.499	85	11984m	0.574	ppbv	
3) Chlorodifluoromethane	1.473	51	1140692	41.926	ppbv	94
4) Chloromethane	1.531	50	5508	0.652	ppbv	99
9) Propene	1.489	41	130453m	13.192	ppbv	
10) Heptane	4.982	43	4748m	0.178	ppbv	
11) Trichlorofluoromethane	1.878	101	4846	0.225	ppbv	87
12) 1,1,2-Trichlorotrifluo...	2.140	101	1630	0.100	ppbv #	76
13) Ethanol	1.729	45	2797020	3883.569	ppbv	93
15) Acetone	1.836	43	2084891	95.580	ppbv #	81
19) Isopropyl Alcohol	1.959	45	18181997	1568.534	ppbv #	44
20) Methylene Chloride	2.065	84	5475	0.796	ppbv #	90
25) Ethyl Acetate	2.842	43	154660m	3.203	ppbv	
26) Hexane	2.826	57	23936	1.130	ppbv #	1
27) Carbon Disulfide	2.150	76	35626	1.965	ppbv #	66
29) Chloroform	2.852	83	17081	0.522	ppbv	91
34) 2-Butanone	2.564	43	25565	0.804	ppbv	92
35) Carbon Tetrachloride	3.768	117	2034m	0.061	ppbv	
36) Benzene	3.661	78	12056	0.283	ppbv	93
41) Tetrahydrofuran	3.075	42	5057m	0.312	ppbv	
44) 2,2,4-Trimethylpentane	4.639	57	6941m	0.100	ppbv	
53) Toluene	6.940	91	25827	0.565	ppbv	94
59) m/p-Xylene	9.532	91	9070m	0.185	ppbv	
61) Styrene	9.872	104	3300	0.160	ppbv #	87
69) p-Isopropyltoluene	11.927	119	30916	0.414	ppbv	96

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

