

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080425\
 Data File : VL042801.D
 Acq On : 04 Aug 2025 12:56
 Operator : SY/MD
 Sample : Q2750-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 WONDER IA-3

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/05/2025
 Supervised By :Mahesh Dadoda 08/05/2025

Quant Time: Aug 05 01:03:32 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	166612	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.956	114	474561	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.878	117	413546	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.377 95 344382 10.515 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 105.200%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.496	85	12194m	0.554	ppbv	
3) Chlorodifluoromethane	1.473	51	1610964	56.139	ppbv #	82
4) Chloromethane	1.531	50	5658	0.635	ppbv	90
9) Propene	1.486	41	190239m	18.241	ppbv	
11) Trichlorofluoromethane	1.874	101	4819	0.212	ppbv	97
13) Ethanol	1.725	45	4909025	6463.202	ppbv	94
15) Acetone	1.832	43	2255724	98.047	ppbv #	78
19) Isopropyl Alcohol	1.991	45	26462371	2164.446	ppbv #	38
20) Methylene Chloride	2.062	84	11537	1.591	ppbv	95
25) Ethyl Acetate	2.842	43	282908m	5.555	ppbv	
26) Hexane	2.823	57	38882	1.741	ppbv #	1
27) Carbon Disulfide	2.146	76	64759	3.386	ppbv #	65
29) Chloroform	2.849	83	19459	0.564	ppbv	92
34) 2-Butanone	2.567	43	38173	1.136	ppbv	93
35) Carbon Tetrachloride	3.758	117	2430m	0.069	ppbv	
36) Benzene	3.655	78	12792	0.284	ppbv #	85
41) Tetrahydrofuran	3.069	42	6398m	0.374	ppbv	
43) Methyl Methacrylate	4.868	69	2321m	0.145	ppbv	
44) 2,2,4-Trimethylpentane	4.635	57	7555m	0.103	ppbv	
53) Toluene	6.927	91	38671m	0.801	ppbv	
59) m/p-Xylene	9.529	91	11076m	0.212	ppbv	
61) Styrene	9.869	104	4962	0.226	ppbv	95
69) p-Isopropyltoluene	11.927	119	52018	0.656	ppbv	93
74) 1,2,4-Trimethylbenzene	11.539	105	8019	0.143	ppbv #	58
79) Naphthalene	13.513	128	2540	0.475	ppbv #	96

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

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