

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080425\
 Data File : VL042802.D
 Acq On : 04 Aug 2025 13:30
 Operator : SY/MD
 Sample : Q2750-03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 WONDER IA-4

Manual Integrations
 APPROVED

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

Quant Time: Aug 05 01:04:19 2025

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 5

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	166020	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.955	114	471810	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.878	117	410967	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	345607	10.619	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.496	85	11798	0.537	ppbv	92
3) Chlorodifluoromethane	1.473	51	1595678	55.804	ppbv #	83
4) Chloromethane	1.531	50	6035	0.680	ppbv #	86
9) Propene	1.486	41	196810m	18.938	ppbv	
11) Trichlorofluoromethane	1.874	101	4420	0.195	ppbv	84
13) Ethanol	1.725	45	4798288	6339.911	ppbv	94
15) Acetone	1.832	43	2203330	96.111	ppbv #	80
19) Isopropyl Alcohol	1.981	45	25586708m	2100.285	ppbv	
20) Methylene Chloride	2.062	84	13447	1.861	ppbv	93
25) Ethyl Acetate	2.842	43	253529m	4.996	ppbv	
26) Hexane	2.823	57	42838	1.924	ppbv #	1
27) Carbon Disulfide	2.146	76	62067	3.257	ppbv #	65
29) Chloroform	2.852	83	20293	0.590	ppbv	100
34) 2-Butanone	2.564	43	31346	0.938	ppbv	96
35) Carbon Tetrachloride	3.761	117	2258m	0.064	ppbv	
36) Benzene	3.651	78	11411	0.255	ppbv #	90
41) Tetrahydrofuran	3.085	42	5673m	0.334	ppbv	
43) Methyl Methacrylate	4.878	69	2393m	0.151	ppbv	
44) 2,2,4-Trimethylpentane	4.638	57	7963m	0.109	ppbv	
53) Toluene	6.936	91	36533	0.761	ppbv	98
59) m/p-Xylene	9.526	91	11420m	0.220	ppbv	
61) Styrene	9.875	104	3986m	0.183	ppbv	
69) p-Isopropyltoluene	11.924	119	47903	0.608	ppbv	98
74) 1,2,4-Trimethylbenzene	11.536	105	7196	0.129	ppbv #	82
79) Naphthalene	13.513	128	1603	0.461	ppbv #	80

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

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