

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072925\
 Data File : VL042786.D
 Acq On : 29 Jul 2025 16:48
 Operator : SY/MD
 Sample : Q2712-07
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/30/2025
 Supervised By :Mahesh Dadoda 07/30/2025

Quant Time: Jul 30 01:15:10 2025

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

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	144757	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	398064	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	363372	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.383	95	299457	10.406	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.100%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.499	85	14009	0.732	ppbv	96
3) Chlorodifluoromethane	1.473	51	42028m	1.686	ppbv	
4) Chloromethane	1.531	50	5410	0.699	ppbv	97
9) Propene	1.486	41	32197m	3.553	ppbv	
10) Heptane	4.991	43	13850	0.567	ppbv #	51
11) Trichlorofluoromethane	1.881	101	21818	1.106	ppbv	93
13) Ethanol	1.725	45	1501601	2274.737	ppbv	99
15) Acetone	1.839	43	393351	19.679	ppbv	98
19) Isopropyl Alcohol	1.890	45	109463	10.305	ppbv #	7
20) Methylene Chloride	2.065	84	5920	0.940	ppbv #	85
23) Vinyl Acetate	2.457	43	109547	4.521	ppbv #	94
25) Ethyl Acetate	2.839	43	703519	15.901	ppbv #	91
29) Chloroform	2.852	83	20938	0.698	ppbv	100
34) 2-Butanone	2.564	43	69967	2.481	ppbv	100
35) Carbon Tetrachloride	3.774	117	3830m	0.130	ppbv	
36) Benzene	3.661	78	11967	0.317	ppbv	96
41) Tetrahydrofuran	3.062	42	19230	1.340	ppbv #	48
44) 2,2,4-Trimethylpentane	4.645	57	10747m	0.175	ppbv	
50) 4-Methyl-2-Pentanone	5.774	43	36734m	1.011	ppbv	
51) 2-Hexanone	7.448	43	26639	0.971	ppbv #	97
52) Tetrachloroethene	8.234	164	1644m	0.105	ppbv	
53) Toluene	6.943	91	92975	2.295	ppbv	98
58) Ethyl Benzene	9.364	91	10925	0.190	ppbv #	85
59) m/p-Xylene	9.535	91	37151	0.810	ppbv	100
60) o-Xylene	9.972	91	17984	0.392	ppbv	98
61) Styrene	9.878	104	22758	1.181	ppbv	95
64) n-propylbenzene	10.995	120	4688	0.266	ppbv	85
69) p-Isopropyltoluene	11.927	119	32129	0.461	ppbv #	90
72) 4-Ethyltoluene	11.131	105	22908	0.419	ppbv #	55
73) 1,3,5-Trimethylbenzene	11.209	105	27631	0.613	ppbv #	82
74) 1,2,4-Trimethylbenzene	11.542	105	103870	2.113	ppbv #	61
76) 1,4-Dichlorobenzene	11.675	146	8416	0.250	ppbv	90
79) Naphthalene	13.516	128	13453	0.676	ppbv	97

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

