

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072925\
 Data File : VL042782.D
 Acq On : 29 Jul 2025 14:24
 Operator : SY/MD
 Sample : Q2712-04
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA2

Manual Integrations
 APPROVED

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

Quant Time: Jul 30 01:12:06 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	2.793	49	149325	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.968	114	414208	10.000	ppbv	0.01
55) Chlorobenzene-d5	8.891	117	375602	10.000	ppbv	0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.387	95	309167	10.394	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.900%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	16650	0.843	ppbv	98
3) Chlorodifluoromethane	1.473	51	58901m	2.290	ppbv	
4) Chloromethane	1.534	50	7070	0.885	ppbv	94
10) Heptane	4.994	43	15030m	0.596	ppbv	
11) Trichlorofluoromethane	1.884	101	24157	1.187	ppbv	95
13) Ethanol	1.729	45	1607041	2360.036	ppbv	100
15) Acetone	1.839	43	375143	18.194	ppbv	98
19) Isopropyl Alcohol	1.890	45	106307	9.702	ppbv #	12
23) Vinyl Acetate	2.463	43	78293m	3.132	ppbv	
25) Ethyl Acetate	2.842	43	752515	16.488	ppbv #	91
29) Chloroform	2.858	83	22930	0.741	ppbv	97
34) 2-Butanone	2.567	43	66120	2.254	ppbv	99
35) Carbon Tetrachloride	3.771	117	4664	0.152	ppbv #	86
36) Benzene	3.667	78	11868	0.302	ppbv #	94
44) 2,2,4-Trimethylpentane	4.655	57	10995m	0.172	ppbv	
50) 4-Methyl-2-Pentanone	5.791	43	29133m	0.771	ppbv	
51) 2-Hexanone	7.457	43	23562	0.825	ppbv #	97
52) Tetrachloroethene	8.244	164	1884m	0.116	ppbv	
53) Toluene	6.953	91	72108	1.711	ppbv	98
58) Ethyl Benzene	9.367	91	12419	0.209	ppbv	95
59) m/p-Xylene	9.545	91	43961	0.927	ppbv	99
60) o-Xylene	9.972	91	22835	0.482	ppbv	97
61) Styrene	9.878	104	23868	1.198	ppbv	92
64) n-propylbenzene	10.995	120	5095	0.280	ppbv	77
69) p-Isopropyltoluene	11.934	119	52072	0.723	ppbv	99
72) 4-Ethyltoluene	11.134	105	29045	0.513	ppbv #	55
73) 1,3,5-Trimethylbenzene	11.212	105	34083	0.732	ppbv	95
74) 1,2,4-Trimethylbenzene	11.545	105	132016	2.598	ppbv #	64
76) 1,4-Dichlorobenzene	11.681	146	10764	0.309	ppbv	97
79) Naphthalene	13.520	128	15108	0.697	ppbv #	94

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

