

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051425\
 Data File : VL042543.D
 Acq On : 14 May 2025 15:22
 Operator : SY/MD
 Sample : Q2037-01 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/15/2025
 Supervised By :Mahesh Dadoda 05/15/2025

Quant Time: May 15 01:36:14 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL051225AIR.M

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

QLast Update : Tue May 13 02:07:03 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	2.790	49	130699	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	3.965	114	384048	10.000	ppbv	0.02
55) Chlorobenzene-d5	8.888	117	350637	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.380	95	285416	9.355	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.499	85	2656	0.125	ppbv	89
3) Chlorodifluoromethane	1.476	51	13964m	0.646	ppbv	
9) Propene	1.486	41	2823	0.602	ppbv #	1
10) Heptane	4.991	43	7598m	0.424	ppbv	
13) Ethanol	1.722	45	3723m	2.951	ppbv	
15) Acetone	1.839	43	116054	5.509	ppbv	98
20) Methylene Chloride	2.065	84	6263	0.861	ppbv	94
26) Hexane	2.829	57	49602	3.295	ppbv #	39
34) 2-Butanone	2.560	43	37395	1.477	ppbv	100
51) 2-Hexanone	7.444	43	55848	2.525	ppbv #	86
52) Tetrachloroethene	8.228	164	1968m	0.151	ppbv	
53) Toluene	6.943	91	41032	1.229	ppbv	99
58) Ethyl Benzene	9.361	91	38568	0.807	ppbv	94
59) m/p-Xylene	9.535	91	87346	2.058	ppbv #	100
60) o-Xylene	9.966	91	51527	1.243	ppbv	97
62) Isopropylbenzene	10.545	105	23812	0.381	ppbv	97
64) n-propylbenzene	10.992	120	14270	0.900	ppbv	90
65) tert-Butylbenzene	11.539	119	11461	0.200	ppbv #	37
67) sec-Butylbenzene	11.772	105	39676m	0.483	ppbv	
69) p-Isopropyltoluene	11.930	119	22274	0.330	ppbv	98
72) 4-Ethyltoluene	11.131	105	35977	0.700	ppbv #	56
73) 1,3,5-Trimethylbenzene	11.209	105	41636	0.930	ppbv	99
74) 1,2,4-Trimethylbenzene	11.542	105	89411	1.623	ppbv #	60
76) 1,4-Dichlorobenzene	11.675	146	4994	0.152	ppbv #	1

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

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