

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051425\
 Data File : VL042540.D
 Acq On : 14 May 2025 13:12
 Operator : SY/MD
 Sample : Q2011-01 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 01:34:08 2025

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri 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	2.797	49	130590	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	3.972	114	371118	10.000	ppbv	0.03
55) Chlorobenzene-d5	8.888	117	351568	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.383	95	304412	9.951	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.500%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.499	85	2743	0.129	ppbv #	87
9) Propene	1.483	41	2302	0.491	ppbv #	1
10) Heptane	5.007	43	3780m	0.211	ppbv	
15) Acetone	1.842	43	56491	2.684	ppbv	94
20) Methylene Chloride	2.069	84	2031m	0.280	ppbv	
26) Hexane	2.836	57	19490	1.296	ppbv #	36
34) 2-Butanone	2.564	43	34360	1.405	ppbv	99
41) Tetrahydrofuran	3.069	42	4353m	0.411	ppbv	
51) 2-Hexanone	7.445	43	73358m	3.433	ppbv	
52) Tetrachloroethene	8.234	164	4645m	0.369	ppbv	
53) Toluene	6.943	91	24657	0.764	ppbv	98
58) Ethyl Benzene	9.361	91	33945	0.708	ppbv	89
59) m/p-Xylene	9.539	91	92047	2.163	ppbv #	100
60) o-Xylene	9.972	91	59983	1.443	ppbv	97
62) Isopropylbenzene	10.549	105	26923	0.430	ppbv	99
64) n-propylbenzene	10.995	120	19646	1.236	ppbv	86
67) sec-Butylbenzene	11.772	105	58550m	0.710	ppbv	
69) p-Isopropyltoluene	11.931	119	29161	0.430	ppbv	94
70) n-Butylbenzene	12.290	91	14841m	0.222	ppbv	
72) 4-Ethyltoluene	11.131	105	55381	1.074	ppbv #	56
73) 1,3,5-Trimethylbenzene	11.209	105	64408	1.434	ppbv	96
74) 1,2,4-Trimethylbenzene	11.542	105	157948	2.859	ppbv #	62

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

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