

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021025\
 Data File : VL041991.D
 Acq On : 10 Feb 2025 16:50
 Operator : SY/MD
 Sample : Q1303-04
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA2

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/11/2025
 Supervised By :Mahesh Dadoda 02/11/2025

Quant Time: Feb 11 01:26:12 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M

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

QLast Update : Tue Jan 14 23:15:42 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.781	49	137412	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	3.949	114	391979	10.000	ppbv	-0.03
55) Chlorobenzene-d5	8.875	117	332286	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.367	95	245935	9.397	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.000%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.496	85	8773	0.469	ppbv	97
4) Chloromethane	1.528	50	4166	0.592	ppbv	92
9) Propene	1.483	41	12742m	1.577	ppbv	
10) Heptane	4.965	43	8089m	0.375	ppbv	
11) Trichlorofluoromethane	1.874	101	4497	0.231	ppbv	88
13) Ethanol	1.719	45	379767	641.882	ppbv	87
15) Acetone	1.829	43	1573380	95.332	ppbv #	85
17) tert-Butyl alcohol	2.043	59	2416m	0.119	ppbv	
19) Isopropyl Alcohol	1.881	45	842038	86.048	ppbv #	66
20) Methylene Chloride	2.056	84	13805	2.117	ppbv	94
25) Ethyl Acetate	2.832	43	222539	5.000	ppbv #	93
34) 2-Butanone	2.554	43	8013	0.321	ppbv	96
35) Carbon Tetrachloride	3.752	117	1632	0.066	ppbv #	50
36) Benzene	3.645	78	14383	0.400	ppbv	94
44) 2,2,4-Trimethylpentane	4.632	57	8568	0.147	ppbv #	75
52) Tetrachloroethene	8.218	164	9202m	0.738	ppbv	
53) Toluene	6.920	91	28898m	0.738	ppbv	
59) m/p-Xylene	9.526	91	12192m	0.293	ppbv	
60) o-Xylene	9.960	91	4970	0.120	ppbv	90

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

