

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022625\
 Data File : VL042056.D
 Acq On : 26 Feb 2025 12:14
 Operator : SY/MD
 Sample : Q1430-05
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/27/2025
 Supervised By :Mahesh Dadoda 02/27/2025

Quant Time: Feb 27 00:27:52 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL022525AIR.M

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

QLast Update : Wed Feb 26 01:08:36 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.793	49	159980	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.972	114	375140	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.895	117	325039	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.383	95	257137	10.283	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.502	85	7102	0.427	ppbv	92
3) Chlorodifluoromethane	1.479	51	5899m	0.254	ppbv	
4) Chloromethane	1.534	50	2821	0.459	ppbv #	86
9) Propene	1.486	41	68586	7.241	ppbv	96
10) Heptane	4.998	43	14598m	0.495	ppbv	
11) Trichlorofluoromethane	1.884	101	3863	0.232	ppbv #	70
13) Ethanol	1.725	45	95218	158.352	ppbv	92
15) Acetone	1.845	43	86914	6.152	ppbv #	79
19) Isopropyl Alcohol	1.890	45	14014	1.727	ppbv #	21
20) Methylene Chloride	2.065	84	57070	10.679	ppbv	96
26) Hexane	2.832	57	107141	4.686	ppbv #	36
29) Chloroform	2.858	83	7381	0.240	ppbv	92
30) Cyclohexane	3.871	84	5261	0.284	ppbv #	82
34) 2-Butanone	2.570	43	14699	0.503	ppbv	100
35) Carbon Tetrachloride	3.774	117	2059	0.080	ppbv #	75
36) Benzene	3.667	78	168374	4.287	ppbv	96
44) 2,2,4-Trimethylpentane	4.655	57	102302	1.476	ppbv #	90
50) 4-Methyl-2-Pentanone	5.784	43	17881m	0.473	ppbv	
52) Tetrachloroethene	8.241	164	567m	0.042	ppbv	
53) Toluene	6.949	91	289557	6.597	ppbv	98
58) Ethyl Benzene	9.367	91	38485	0.643	ppbv	94
59) m/p-Xylene	9.542	91	122792	2.578	ppbv #	100
60) o-Xylene	9.972	91	37715	0.788	ppbv	97
61) Styrene	9.878	104	4760	0.211	ppbv	92
72) 4-Ethyltoluene	11.134	105	9913	0.170	ppbv #	55
73) 1,3,5-Trimethylbenzene	11.212	105	7643	0.151	ppbv	97
74) 1,2,4-Trimethylbenzene	11.545	105	24703	0.433	ppbv #	68
79) Naphthalene	13.523	128	4612	0.118	ppbv #	89

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

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