

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040425\
 Data File : VL042221.D
 Acq On : 04 Apr 2025 12:46
 Operator : SY/MD
 Sample : Q1691-01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA2R

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/07/2025
 Supervised By :Mahesh Dadoda 04/08/2025

Quant Time: Apr 05 02:02:15 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2025

QLast Update : Fri Mar 28 02:00:52 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.787	49	193944	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.959	114	537035	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.882	117	465935	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	376164	9.831	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.300%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.499	85	11605	0.405	ppbv	98
3) Chlorodifluoromethane	1.476	51	8757m	0.299	ppbv	
4) Chloromethane	1.531	50	10930	0.934	ppbv	93
9) Propene	1.486	41	7450	0.556	ppbv	91
11) Trichlorofluoromethane	1.878	101	5737	0.206	ppbv	97
13) Ethanol	1.722	45	80750	63.706	ppbv	80
15) Acetone	1.835	43	257627	9.498	ppbv	96
19) Isopropyl Alcohol	1.887	45	34632	2.263	ppbv #	1
20) Methylene Chloride	2.062	84	12311	1.219	ppbv	94
23) Vinyl Acetate	2.457	43	40317	3.434	ppbv #	85
26) Hexane	2.826	57	12176	0.448	ppbv #	44
29) Chloroform	2.849	83	32593	0.819	ppbv	97
34) 2-Butanone	2.560	43	42115	1.081	ppbv	99
35) Carbon Tetrachloride	3.768	117	5181m	0.123	ppbv	
36) Benzene	3.661	78	9622	0.181	ppbv	98
40) 1,4-Dioxane	4.609	88	2568m	0.250	ppbv	
41) Tetrahydrofuran	3.069	42	2673m	0.119	ppbv	
51) 2-Hexanone	7.454	43	5679m	0.112	ppbv	
52) Tetrachloroethene	8.225	164	4611	0.218	ppbv #	85
53) Toluene	6.930	91	17579	0.279	ppbv	99
59) m/p-Xylene	9.529	91	10348m	0.157	ppbv	

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

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