

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040425\
 Data File : VL042222.D
 Acq On : 04 Apr 2025 13:20
 Operator : SY/MD
 Sample : Q1691-01DUP
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA2RDUP

Manual Integrations
 APPROVED

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

Quant Time: Apr 05 02:02:50 2025

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

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

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	190677	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.959	114	525113	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	459228	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	10.380	95	373558	9.905	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.100%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.499	85	11629	0.413	ppbv #	85
3) Chlorodifluoromethane	1.476	51	9158m	0.318	ppbv	
4) Chloromethane	1.532	50	11024	0.958	ppbv	100
9) Propene	1.486	41	7874	0.597	ppbv	93
11) Trichlorofluoromethane	1.878	101	6192	0.226	ppbv	99
13) Ethanol	1.722	45	80444	64.552	ppbv	80
15) Acetone	1.836	43	258037	9.676	ppbv	95
19) Isopropyl Alcohol	1.888	45	32145	2.136	ppbv #	1
20) Methylene Chloride	2.062	84	10300	1.037	ppbv	91
23) Vinyl Acetate	2.457	43	37490	3.248	ppbv #	84
26) Hexane	2.826	57	11149	0.417	ppbv #	40
29) Chloroform	2.849	83	32730	0.837	ppbv	98
34) 2-Butanone	2.564	43	41009	1.077	ppbv	96
35) Carbon Tetrachloride	3.765	117	4649	0.113	ppbv	94
36) Benzene	3.661	78	9467	0.182	ppbv	94
40) 1,4-Dioxane	4.626	88	1888m	0.188	ppbv	
41) Tetrahydrofuran	3.072	42	2203m	0.100	ppbv	
51) 2-Hexanone	7.458	43	5534m	0.112	ppbv	
52) Tetrachloroethene	8.228	164	5477m	0.265	ppbv	
53) Toluene	6.937	91	17461m	0.283	ppbv	
59) m/p-Xylene	9.532	91	10747m	0.165	ppbv	

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

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