

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040425\
 Data File : VL042224.D
 Acq On : 04 Apr 2025 14:26
 Operator : SY/MD
 Sample : Q1691-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA3

Manual Integrations
 APPROVED

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

Quant Time: Apr 05 02:03:57 2025

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri 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	191073	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.959	114	505458	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.882	117	449107	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	360553	9.776	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.800%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	10740	0.381	ppbv	94
3) Chlorodifluoromethane	1.476	51	12078m	0.419	ppbv	
4) Chloromethane	1.531	50	12261	1.063	ppbv	95
9) Propene	1.483	41	6623	0.501	ppbv	99
11) Trichlorofluoromethane	1.878	101	5900	0.215	ppbv	99
13) Ethanol	1.719	45	291694	233.585	ppbv	82
15) Acetone	1.836	43	221309	8.282	ppbv	90
19) Isopropyl Alcohol	1.884	45	182022	12.072	ppbv #	32
20) Methylene Chloride	2.059	84	5268	0.529	ppbv	96
26) Hexane	2.823	57	9013	0.336	ppbv #	57
29) Chloroform	2.849	83	26637	0.679	ppbv	92
34) 2-Butanone	2.564	43	14042	0.383	ppbv	95
35) Carbon Tetrachloride	3.761	117	8113	0.205	ppbv	87
36) Benzene	3.651	78	11487m	0.229	ppbv	
41) Tetrahydrofuran	3.062	42	4040m	0.191	ppbv	
44) 2,2,4-Trimethylpentane	4.638	57	8430m	0.100	ppbv	
52) Tetrachloroethene	8.218	164	1648m	0.083	ppbv	
53) Toluene	6.927	91	19163m	0.323	ppbv	
59) m/p-Xylene	9.536	91	13598m	0.213	ppbv	
60) o-Xylene	9.966	91	6365	0.100	ppbv	97
61) Styrene	9.872	104	4812	0.152	ppbv	96

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

Manual Integrations

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