

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030325\
 Data File : VL042085.D
 Acq On : 03 Mar 2025 19:28
 Operator : SY/MD
 Sample : Q1430-01 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2025
 Supervised By :Mahesh Dadoda 03/05/2025

Quant Time: Mar 04 00:21:54 2025

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri 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	2.787	49	160113	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	3.956	114	354605	10.000	ppbv	-0.02
55) Chlorobenzene-d5	8.879	117	302162	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.374	95	228590	9.833	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.300%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.496	85	2013	0.121	ppbv	96
9) Propene	1.483	41	3577	0.377	ppbv	98
11) Trichlorofluoromethane	1.875	101	2921	0.175	ppbv #	79
13) Ethanol	1.719	45	46249	76.851	ppbv	92
15) Acetone	1.836	43	42438	3.001	ppbv #	86
17) tert-Butyl alcohol	2.043	59	2090	0.118	ppbv #	70
19) Isopropyl Alcohol	1.887	45	6368m	0.784	ppbv	
20) Methylene Chloride	2.059	84	4683	0.876	ppbv	87
26) Hexane	2.829	57	5333	0.233	ppbv #	43
34) 2-Butanone	2.557	43	78799	2.852	ppbv	96
36) Benzene	3.648	78	6870m	0.185	ppbv	
50) 4-Methyl-2-Pentanone	5.758	43	7765m	0.217	ppbv	
51) 2-Hexanone	7.442	43	6585m	0.268	ppbv	
52) Tetrachloroethene	8.225	164	16785	1.321	ppbv	95
53) Toluene	6.933	91	27385m	0.660	ppbv	
59) m/p-Xylene	9.529	91	13524m	0.305	ppbv	
60) o-Xylene	9.960	91	5424m	0.122	ppbv	
74) 1,2,4-Trimethylbenzene	11.529	105	5489	0.103	ppbv #	57

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

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