

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030325\
 Data File : VL042087.D
 Acq On : 03 Mar 2025 20:29
 Operator : SY/MD
 Sample : Q1430-01DUP 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DUP

Manual Integrations
 APPROVED

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

Quant Time: Mar 04 03:39:33 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	2.784	49	157351	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	3.955	114	351741	10.000	ppbv	-0.02
55) Chlorobenzene-d5	8.875	117	297676	10.000	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.374	95	225052	9.827	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.300%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.496	85	2219m	0.136	ppbv	
9) Propene	1.483	41	4028	0.432	ppbv	85
11) Trichlorofluoromethane	1.877	101	3052	0.186	ppbv	92
13) Ethanol	1.719	45	45923	77.648	ppbv	90
15) Acetone	1.835	43	40323	2.902	ppbv #	80
17) tert-Butyl alcohol	2.046	59	2503	0.144	ppbv #	89
19) Isopropyl Alcohol	1.887	45	6742	0.845	ppbv #	1
20) Methylene Chloride	2.059	84	4825	0.918	ppbv #	86
26) Hexane	2.826	57	5289	0.235	ppbv #	42
34) 2-Butanone	2.557	43	75267	2.747	ppbv	94
36) Benzene	3.648	78	6586m	0.179	ppbv	
50) 4-Methyl-2-Pentanone	5.765	43	7751m	0.219	ppbv	
51) 2-Hexanone	7.441	43	7066m	0.290	ppbv	
52) Tetrachloroethene	8.221	164	16346	1.297	ppbv	98
53) Toluene	6.927	91	25126m	0.611	ppbv	
59) m/p-Xylene	9.526	91	12422m	0.285	ppbv	
60) o-Xylene	9.963	91	4793	0.109	ppbv	93
74) 1,2,4-Trimethylbenzene	11.536	105	5413	0.103	ppbv #	56

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

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