

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030525\
 Data File : VL042099.D
 Acq On : 05 Mar 2025 12:11
 Operator : SY/MD
 Sample : Q1483-01DUP
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DUP

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/06/2025
 Supervised By :Mahesh Dadoda 03/06/2025

Quant Time: Mar 06 01:05:48 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	2.800	49	165058	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.981	114	375944	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.901	117	314364	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.393	95	234544	9.698	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.000%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.505	85	11057	0.644	ppbv	95
3) Chlorodifluoromethane	1.482	51	129458m	5.397	ppbv	
4) Chloromethane	1.537	50	4046	0.637	ppbv	93
9) Propene	1.492	41	30787m	3.150	ppbv	
11) Trichlorofluoromethane	1.887	101	14000	0.814	ppbv	98
13) Ethanol	1.728	45	307626	495.858	ppbv	93
15) Acetone	1.842	43	161003	11.046	ppbv	98
19) Isopropyl Alcohol	1.894	45	71712	8.565	ppbv #	74
20) Methylene Chloride	2.068	84	3691	0.669	ppbv #	83
26) Hexane	2.842	57	2889	0.122	ppbv #	1
29) Chloroform	2.865	83	22818	0.719	ppbv	84
31) cis-1,2-Dichloroethene	2.735	61	3843m	0.172	ppbv	
34) 2-Butanone	2.573	43	8257	0.282	ppbv	97
35) Carbon Tetrachloride	3.780	117	2317m	0.089	ppbv	
36) Benzene	3.680	78	8601m	0.219	ppbv	
38) Trichloroethene	4.570	130	3407m	0.212	ppbv	
52) Tetrachloroethene	8.250	164	105718	7.847	ppbv	98
53) Toluene	6.962	91	8000m	0.182	ppbv	
59) m/p-Xylene	9.551	91	4642m	0.101	ppbv	
76) 1,4-Dichlorobenzene	11.691	146	9365	0.297	ppbv	91

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

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