

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022125\
 Data File : VL042038.D
 Acq On : 21 Feb 2025 13:20
 Operator : SY/MD
 Sample : Q1386-01DUP
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1ADUP

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/24/2025
 Supervised By :Mahesh Dadoda 02/24/2025

Quant Time: Feb 21 21:52:46 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021425AIR.M

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

QLast Update : Tue Feb 18 00:13:37 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	2.790	49	102359	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	260637	10.000	ppbv	-0.02
55) Chlorobenzene-d5	8.885	117	236485	10.000	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.380 95 197760 10.138 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 101.400%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.499	85	8017	0.455	ppbv	91
3) Chlorodifluoromethane	1.476	51	91064	4.675	ppbv #	87
4) Chloromethane	1.535	50	3379m	0.493	ppbv	
9) Propene	1.489	41	107754m	12.831	ppbv	
10) Heptane	4.991	43	5436m	0.233	ppbv	
11) Trichlorofluoromethane	1.878	101	8686	0.490	ppbv	96
13) Ethanol	1.722	45	221398	233.728	ppbv	79
15) Acetone	1.835	43	602373	35.653	ppbv	97
17) tert-Butyl alcohol	2.046	59	2469	0.118	ppbv #	70
19) Isopropyl Alcohol	1.887	45	314221	33.167	ppbv	91
20) Methylene Chloride	2.062	84	226843	35.667	ppbv	94
26) Hexane	2.829	57	164162	8.822	ppbv #	42
29) Chloroform	2.852	83	5776	0.214	ppbv	89
31) cis-1,2-Dichloroethene	2.726	61	5277	0.287	ppbv #	84
34) 2-Butanone	2.564	43	20676	0.922	ppbv	98
35) Carbon Tetrachloride	3.768	117	2477m	0.098	ppbv	
36) Benzene	3.658	78	7409	0.235	ppbv #	85
38) Trichloroethene	4.554	130	7202m	0.561	ppbv	
41) Tetrahydrofuran	3.065	42	10347	0.807	ppbv	98
43) Methyl Methacrylate	4.884	69	20559m	1.428	ppbv	
52) Tetrachloroethene	8.228	164	160076	14.537	ppbv	92
53) Toluene	6.936	91	14022m	0.373	ppbv	
59) m/p-Xylene	9.539	91	4987m	0.122	ppbv	
76) 1,4-Dichlorobenzene	11.675	146	6491	0.277	ppbv	92

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

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