

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061625\
 Data File : VL042627.D
 Acq On : 16 Jun 2025 14:01
 Operator : SY/MD
 Sample : Q2317-01DUP
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 AA-3DUP

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/17/2025
 Supervised By :Mahesh Dadoda 06/17/2025

Quant Time: Jun 17 03:05:15 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052925AIR.M

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

QLast Update : Fri May 30 02:01:56 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.784	49	104604	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.955	114	283556	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.882	117	252613	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.374	95	194543	10.273	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.700%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.496	85	6247	0.486	ppbv	95
3) Chlorodifluoromethane	1.476	51	6508m	0.368	ppbv	
4) Chloromethane	1.531	50	2768	0.544	ppbv	91
9) Propene	1.486	41	5228	0.733	ppbv	95
10) Heptane	4.978	43	2963m	0.147	ppbv	
11) Trichlorofluoromethane	1.877	101	3327	0.278	ppbv	97
13) Ethanol	1.719	45	14346	16.882	ppbv	94
15) Acetone	1.835	43	134074	10.641	ppbv	97
19) Isopropyl Alcohol	1.887	45	7289	0.968	ppbv #	1
20) Methylene Chloride	2.062	84	13551	3.259	ppbv	94
26) Hexane	2.826	57	77534	4.949	ppbv #	43
34) 2-Butanone	2.560	43	12371	0.612	ppbv	96
35) Carbon Tetrachloride	3.761	117	1470m	0.079	ppbv	
36) Benzene	3.651	78	8632	0.309	ppbv #	91
44) 2,2,4-Trimethylpentane	4.638	57	8510m	0.178	ppbv	
50) 4-Methyl-2-Pentanone	5.771	43	5141m	0.183	ppbv	
53) Toluene	6.927	91	15439m	0.478	ppbv	
58) Ethyl Benzene	9.354	91	4800	0.112	ppbv #	86
59) m/p-Xylene	9.526	91	17094	0.507	ppbv	96
60) o-Xylene	9.963	91	7978	0.237	ppbv	94
61) Styrene	9.869	104	2265	0.142	ppbv	91
74) 1,2,4-Trimethylbenzene	11.532	105	6660	0.173	ppbv #	70

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

Manual Integrations

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