

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061925\
 Data File : VL042652.D
 Acq On : 19 Jun 2025 12:34
 Operator : SY/MD
 Sample : Q2359-01DUP
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-1DUP

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/23/2025
 Supervised By :Mahesh Dadoda 06/23/2025

Quant Time: Jun 20 01:36:51 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	2.800	49	116053	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	3.978	114	302999	10.000	ppbv	0.02
55) Chlorobenzene-d5	8.898	117	260992	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.390	95	203142	10.383	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.800%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.499	85	8554	0.600	ppbv	98
3) Chlorodifluoromethane	1.476	51	7958m	0.405	ppbv	
4) Chloromethane	1.535	50	14543	2.575	ppbv	99
5) Vinyl Chloride	1.583	62	206m	0.036	ppbv	
9) Propene	1.486	41	11455	1.448	ppbv	95
10) Heptane	5.001	43	46385	2.080	ppbv	99
11) Trichlorofluoromethane	1.881	101	3301	0.249	ppbv	92
13) Ethanol	1.729	45	101728	107.902	ppbv	98
15) Acetone	1.842	43	433249	30.993	ppbv	100
19) Isopropyl Alcohol	1.894	45	33433	4.001	ppbv #	1
20) Methylene Chloride	2.072	84	16777	3.637	ppbv	98
23) Vinyl Acetate	2.463	43	27026m	1.430	ppbv	
26) Hexane	2.842	57	20557	1.183	ppbv	91
29) Chloroform	2.862	83	6269	0.277	ppbv	100
31) cis-1,2-Dichloroethene	2.735	61	90052	5.663	ppbv	97
34) 2-Butanone	2.567	43	63602	2.943	ppbv	99
35) Carbon Tetrachloride	3.781	117	2523m	0.126	ppbv	
36) Benzene	3.674	78	17420	0.584	ppbv #	91
41) Tetrahydrofuran	3.066	42	195475	15.454	ppbv	99
44) 2,2,4-Trimethylpentane	4.658	57	5903m	0.116	ppbv	
53) Toluene	6.956	91	32537	0.943	ppbv	97
58) Ethyl Benzene	9.367	91	24387m	0.551	ppbv	
59) m/p-Xylene	9.545	91	106408	3.054	ppbv	96
60) o-Xylene	9.979	91	30069	0.865	ppbv	98
64) n-propylbenzene	10.999	120	1547	0.112	ppbv	78
70) n-Butylbenzene	12.290	91	6364m	0.118	ppbv	
72) 4-Ethyltoluene	11.138	105	7407	0.171	ppbv #	55
73) 1,3,5-Trimethylbenzene	11.215	105	6906	0.193	ppbv	89
74) 1,2,4-Trimethylbenzene	11.549	105	35737	0.898	ppbv #	68
79) Naphthalene	13.523	128	19001	0.507	ppbv #	95
80) Naphthalene,2-methyl-	14.465	142	12441m	0.734	ppbv	

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

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