

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091825\
 Data File : VL042946.D
 Acq On : 18 Sep 2025 15:13
 Operator : SY/MD
 Sample : Q3111-02DUP
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DUP

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/19/2025
 Supervised By :Mahesh Dadoda 09/24/2025

Quant Time: Sep 19 01:26:26 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091725AIR.M

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

QLast Update : Thu Sep 18 02:57:46 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.793	49	170806	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.968	114	427405	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.891	117	360089	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.383	95	289519	10.286	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.900%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	11241	0.461	ppbv	100
3) Chlorodifluoromethane	1.476	51	11387m	0.443	ppbv	
4) Chloromethane	1.534	50	5300	0.541	ppbv	95
9) Propene	1.489	41	147590m	15.733	ppbv	
10) Heptane	4.994	43	19075m	0.821	ppbv	
11) Trichlorofluoromethane	1.881	101	5252	0.218	ppbv	85
13) Ethanol	1.725	45	502858	525.745	ppbv	94
15) Acetone	1.839	43	3079572	146.789	ppbv #	72
17) tert-Butyl alcohol	2.049	59	4852	0.240	ppbv #	1
19) Isopropyl Alcohol	1.894	45	3097954	275.419	ppbv #	1
20) Methylene Chloride	2.065	84	19877	2.176	ppbv	96
25) Ethyl Acetate	2.842	43	331811	7.407	ppbv #	94
26) Hexane	2.832	57	58843	3.061	ppbv #	1
29) Chloroform	2.855	83	11077	0.352	ppbv	96
30) Cyclohexane	3.868	84	8978m	0.620	ppbv	
34) 2-Butanone	2.564	43	111149	4.012	ppbv	99
35) Carbon Tetrachloride	3.777	117	2191m	0.072	ppbv	
36) Benzene	3.664	78	31365	0.841	ppbv	97
37) 1,2-Dichloroethane	3.227	62	14175	0.635	ppbv	99
41) Tetrahydrofuran	3.065	42	40527	2.956	ppbv	96
43) Methyl Methacrylate	4.901	69	8058m	0.646	ppbv	
44) 2,2,4-Trimethylpentane	4.651	57	327844	5.272	ppbv	95
52) Tetrachloroethene	8.231	164	690m	0.060	ppbv	
53) Toluene	6.946	91	216732	6.234	ppbv	99
58) Ethyl Benzene	9.364	91	20956	0.452	ppbv	99
59) m/p-Xylene	9.539	91	59366m	1.514	ppbv	
60) o-Xylene	9.972	91	19080	0.490	ppbv	98
61) Styrene	9.878	104	13663	1.184	ppbv	91
72) 4-Ethyltoluene	11.134	105	2832m	0.408	ppbv	
74) 1,2,4-Trimethylbenzene	11.545	105	8583	0.189	ppbv #	56
79) Naphthalene	13.520	128	2685	0.418	ppbv #	89
81) 1,2,4-Trichlorobenzene	13.445	180	1210m	0.476	ppbv	

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

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