

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082125\
 Data File : VL042877.D
 Acq On : 22 Aug 2025 08:35
 Operator : SY/MD
 Sample : Q2898-02DUP
 Misc : 400mL/MSVOA_L
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DUP

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/25/2025
 Supervised By :Semsettin Yesilyurt 08/25/2025

Quant Time: Aug 22 09:07:10 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081325AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 22 09:07:10 2025

QLast Update : Thu Aug 14 02:12:54 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.787	49	121878	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.959	114	348957	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	298585	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	238583	10.654	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.500%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	8495	0.476	ppbv	91
9) Propene	1.489	41	136934m	16.059	ppbv	
10) Heptane	4.985	43	10350m	0.453	ppbv	
11) Trichlorofluoromethane	1.881	101	4169	0.237	ppbv	99
13) Ethanol	1.725	45	1091615	1400.150	ppbv	94
15) Acetone	1.835	43	298214	18.497	ppbv	93
19) Isopropyl Alcohol	1.887	45	161755	16.798	ppbv	93
20) Methylene Chloride	2.062	84	24233	3.588	ppbv	88
25) Ethyl Acetate	2.836	43	93625	2.399	ppbv #	97
26) Hexane	2.829	57	46241	2.567	ppbv	94
29) Chloroform	2.849	83	8194	0.319	ppbv	89
30) Cyclohexane	3.852	84	4380m	0.277	ppbv	
34) 2-Butanone	2.557	43	80768	3.428	ppbv	99
35) Carbon Tetrachloride	3.765	117	2105m	0.087	ppbv	
36) Benzene	3.661	78	11196m	0.335	ppbv	
38) Trichloroethene	4.548	130	818m	0.054	ppbv	
41) Tetrahydrofuran	3.059	42	6801	0.518	ppbv #	77
44) 2,2,4-Trimethylpentane	4.648	57	16212	0.286	ppbv #	66
50) 4-Methyl-2-Pentanone	5.761	43	6447m	0.202	ppbv	
52) Tetrachloroethene	8.221	164	1224m	0.101	ppbv	
53) Toluene	6.933	91	48246m	1.214	ppbv	
58) Ethyl Benzene	9.354	91	11241	0.213	ppbv #	85
59) m/p-Xylene	9.535	91	28316m	0.686	ppbv	
60) o-Xylene	9.966	91	17099	0.412	ppbv	95
61) Styrene	9.872	104	46756	2.402	ppbv	97
64) n-propylbenzene	10.992	120	9396m	0.607	ppbv	
69) p-Isopropyltoluene	11.927	119	32491	0.504	ppbv	96
72) 4-Ethyltoluene	11.128	105	67795	1.346	ppbv #	56
73) 1,3,5-Trimethylbenzene	11.206	105	51748	1.208	ppbv	97
74) 1,2,4-Trimethylbenzene	11.536	105	201120	4.278	ppbv #	60
79) Naphthalene	13.520	128	6163m	0.145	ppbv	

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

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