

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082625\
 Data File : VL042884.D
 Acq On : 26 Aug 2025 14:29
 Operator : SY/MD
 Sample : Q2943-01 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/27/2025
 Supervised By :Mahesh Dadoda 08/27/2025

Quant Time: Aug 27 01:11:41 2025

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 27 01:11:41 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	2.790	49	127308	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	346383	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	304552	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.380 95 239031 10.465 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 104.700%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.499	85	2384	0.128	ppbv	98
9) Propene	1.489	41	4536	0.509	ppbv #	17
10) Heptane	4.985	43	7351m	0.308	ppbv	
13) Ethanol	1.722	45	138035	169.498	ppbv	89
15) Acetone	1.839	43	305345m	18.132	ppbv	
17) tert-Butyl alcohol	2.046	59	9285	0.465	ppbv #	71
19) Isopropyl Alcohol	1.887	45	135740	13.495	ppbv #	73
20) Methylene Chloride	2.062	84	2260	0.320	ppbv #	94
26) Hexane	2.829	57	27976	1.487	ppbv #	44
29) Chloroform	2.852	83	9020	0.336	ppbv	98
30) Cyclohexane	3.868	84	1642m	0.100	ppbv	
32) 1,1,1-Trichloroethane	3.376	97	2723m	0.096	ppbv	
34) 2-Butanone	2.564	43	9363	0.400	ppbv	99
36) Benzene	3.661	78	6760	0.204	ppbv #	87
52) Tetrachloroethene	8.231	164	2993	0.249	ppbv #	66
53) Toluene	6.943	91	49705	1.260	ppbv	98
58) Ethyl Benzene	9.361	91	149110	2.774	ppbv	97
59) m/p-Xylene	9.539	91	40622	0.964	ppbv #	100
60) o-Xylene	9.969	91	20845	0.492	ppbv	94
61) Styrene	9.875	104	554521	27.930	ppbv	98
62) Isopropylbenzene	10.545	105	10042	0.162	ppbv	99
64) n-propylbenzene	10.992	120	2884	0.183	ppbv	71
74) 1,2,4-Trimethylbenzene	11.539	105	16244	0.339	ppbv #	60

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

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