

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101625\
 Data File : VL043126.D
 Acq On : 16 Oct 2025 10:26
 Operator : SY/MD
 Sample : Q3247-01DL 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 RR-VOAS-AIRDL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/17/2025
 Supervised By :Mahesh Dadoda 10/17/2025

Quant Time: Oct 17 01:12:43 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101425AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2025

QLast Update : Wed Oct 15 02:12:58 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.793	49	90785	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.968	114	286778	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	249452	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.380	95	207856	10.720	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	107.200%
Target Compounds						
					Qvalue	
5) Vinyl Chloride	1.586	62	170	0.034	ppbv #	81
15) Acetone	1.842	43	1329m	0.109	ppbv	
18) 1,1-Dichloroethene	2.039	96	483m	0.109	ppbv	
19) Isopropyl Alcohol	1.894	45	1760m	0.231	ppbv	
20) Methylene Chloride	2.068	84	1389	0.287	ppbv #	86
22) trans-1,2-Dichloroethene	2.347	96	27009	5.099	ppbv	86
24) 1,1-Dichloroethane	2.415	63	86684	8.471	ppbv	98
29) Chloroform	2.855	83	311004	15.351	ppbv	99
31) cis-1,2-Dichloroethene	2.729	61	129758	9.718	ppbv	94
32) 1,1,1-Trichloroethane	3.382	97	822m	0.039	ppbv	
36) Benzene	3.664	78	55384	2.050	ppbv	99
37) 1,2-Dichloroethane	3.224	62	183305	11.781	ppbv	97
38) Trichloroethene	4.557	130	5378	0.477	ppbv	94
39) 1,2-Dichloropropane	4.321	63	81449m	8.248	ppbv	
47) 1,1,2-Trichloroethane	6.590	97	74016	6.941	ppbv	95
52) Tetrachloroethene	8.231	164	99913	10.258	ppbv	95
53) Toluene	6.943	91	176460	5.505	ppbv	98
58) Ethyl Benzene	9.361	91	339931	7.940	ppbv	96
59) m/p-Xylene	9.558	91	541661	15.863	ppbv	96
60) o-Xylene	9.969	91	116992	3.469	ppbv	98
63) 1,1,2,2-Tetrachloroethane	9.969	83	108714	4.814	ppbv	99
65) tert-Butylbenzene	11.542	119	42919	0.798	ppbv #	56
73) 1,3,5-Trimethylbenzene	11.209	105	646782	18.912	ppbv	93
74) 1,2,4-Trimethylbenzene	11.542	105	407966	10.660	ppbv #	49
75) 1,3-Dichlorobenzene	11.613	146	131803	5.938	ppbv	99
76) 1,4-Dichlorobenzene	11.678	146	217615	9.723	ppbv	97

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

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