

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040925\
 Data File : VL042298.D
 Acq On : 10 Apr 2025 07:54
 Operator : SY/MD
 Sample : Q1757-01 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/15/2025
 Supervised By :Mahesh Dadoda 04/15/2025

Quant Time: Apr 10 08:19:14 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M

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

QLast Update : Fri Mar 28 02:00:52 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.784	49	179364	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.952	114	415879	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.875	117	390183	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.371	95	311260	9.714	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.100%
Target Compounds					Qvalue	
3) Chlorodifluoromethane	1.473	51	25069m	0.927	ppbv	
9) Propene	1.483	41	40937	3.358	ppbv	89
10) Heptane	4.972	43	11908m	0.361	ppbv	
11) Trichlorofluoromethane	1.874	101	4644	0.180	ppbv	86
13) Ethanol	1.719	45	10466m	10.964	ppbv	
15) Acetone	1.832	43	612816	24.430	ppbv	97
17) tert-Butyl alcohol	2.040	59	8659	0.277	ppbv #	88
19) Isopropyl Alcohol	1.884	45	25763	1.820	ppbv #	1
20) Methylene Chloride	2.059	84	2267	0.243	ppbv #	86
23) Vinyl Acetate	2.460	43	194799	18.684	ppbv	99
26) Hexane	2.823	57	370399	14.729	ppbv #	29
27) Carbon Disulfide	2.146	76	5418	0.201	ppbv #	51
28) Methyl tert-Butyl Ether	2.438	73	4393	0.281	ppbv #	49
29) Chloroform	2.845	83	23005	0.625	ppbv	93
34) 2-Butanone	2.557	43	21284	0.706	ppbv	98
35) Carbon Tetrachloride	3.755	117	44188	1.381	ppbv #	91
36) Benzene	3.651	78	8155	0.198	ppbv	93
51) 2-Hexanone	7.438	43	12828	0.323	ppbv #	79
52) Tetrachloroethene	8.218	164	2768m	0.169	ppbv	
53) Toluene	6.927	91	40569	0.830	ppbv	98
59) m/p-Xylene	9.526	91	14715m	0.266	ppbv	
60) o-Xylene	9.960	91	7654	0.138	ppbv	98
74) 1,2,4-Trimethylbenzene	11.533	105	18114	0.261	ppbv #	60

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

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