

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061625\
 Data File : VL042629.D
 Acq On : 16 Jun 2025 15:12
 Operator : SY/MD
 Sample : Q2317-03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 115-IA-2

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/20/2025
 Supervised By :Mahesh Dadoda 06/20/2025

Quant Time: Jun 17 14:19:02 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052925AIR.M

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

QLast Update : Fri May 30 02:01:56 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.790	49	106087	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	286951	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	264656	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.380	95	201774	10.170	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.700%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.499	85	6451	0.495	ppbv	95
4) Chloromethane	1.531	50	3632	0.703	ppbv	94
9) Propene	1.486	41	3335m	0.461	ppbv	
10) Heptane	4.985	43	4351m	0.213	ppbv	
11) Trichlorofluoromethane	1.877	101	65222	5.376	ppbv	95
13) Ethanol	1.722	45	486754	564.798	ppbv	98
15) Acetone	1.835	43	410961	32.160	ppbv	99
17) tert-Butyl alcohol	2.043	59	4892m	0.367	ppbv	
19) Isopropyl Alcohol	1.887	45	78614	10.291	ppbv #	1
20) Methylene Chloride	2.062	84	2472	0.586	ppbv #	93
25) Ethyl Acetate	2.842	43	32533	0.930	ppbv #	91
26) Hexane	2.829	57	15180	0.955	ppbv	95
29) Chloroform	2.852	83	6100	0.295	ppbv	100
34) 2-Butanone	2.564	43	46400	2.267	ppbv	98
35) Carbon Tetrachloride	3.768	117	1577m	0.083	ppbv	
36) Benzene	3.661	78	9624	0.341	ppbv #	91
41) Tetrahydrofuran	3.065	42	18450	1.540	ppbv	93
52) Tetrachloroethene	8.225	164	390m	0.037	ppbv	
53) Toluene	6.936	91	19503	0.597	ppbv	100
58) Ethyl Benzene	9.361	91	4016	0.089	ppbv #	85
59) m/p-Xylene	9.539	91	10049m	0.284	ppbv	
60) o-Xylene	9.969	91	3689	0.105	ppbv	99
69) p-Isopropyltoluene	11.930	119	30528	0.549	ppbv	93
74) 1,2,4-Trimethylbenzene	11.539	105	5204	0.129	ppbv #	67
76) 1,4-Dichlorobenzene	11.675	146	559989	22.160	ppbv	99

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

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