

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012025\
 Data File : VL041925.D
 Acq On : 20 Jan 2025 18:07
 Operator : SY/MD
 Sample : Q1090-04
 Misc : 400mL/MSVOA_L
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA2

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 01/21/2025
 Supervised By : Mahesh Dadoda 01/21/2025

Quant Time: Jan 21 03:06:19 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M

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

QLast Update : Tue Jan 14 23:15:42 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.784	49	136005	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	3.952	114	382270	10.000	ppbv	-0.02
55) Chlorobenzene-d5	8.872	117	331744	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.371	95	272953	10.446	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	= 104.500%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.496	85	7630	0.412	ppbv	100
3) Chlorodifluoromethane	1.473	51	5959m	0.307	ppbv	
4) Chloromethane	1.531	50	3696	0.530	ppbv	96
9) Propene	1.486	41	8898m	1.113	ppbv	
10) Heptane	4.965	43	15729m	0.736	ppbv	
11) Trichlorofluoromethane	1.874	101	4267	0.221	ppbv	87
13) Ethanol	1.719	45	94960	162.162	ppbv	89
15) Acetone	1.832	43	2329513	142.606	ppbv #	57
19) Isopropyl Alcohol	1.884	45	18600m	1.920	ppbv	
20) Methylene Chloride	2.056	84	7058	1.093	ppbv	92
26) Hexane	2.823	57	277023	15.901	ppbv #	35
30) Cyclohexane	3.852	84	3374m	0.223	ppbv	
34) 2-Butanone	2.557	43	84777	3.487	ppbv	99
35) Carbon Tetrachloride	3.755	117	2032m	0.085	ppbv	
36) Benzene	3.651	78	22152	0.632	ppbv	94
44) 2,2,4-Trimethylpentane	4.632	57	19140m	0.338	ppbv	
50) 4-Methyl-2-Pentanone	5.765	43	12406m	0.374	ppbv	
53) Toluene	6.924	91	509437	13.339	ppbv	99
58) Ethyl Benzene	9.351	91	24620	0.475	ppbv	94
59) m/p-Xylene	9.529	91	86219	2.075	ppbv	99
60) o-Xylene	9.960	91	24763	0.600	ppbv	94
73) 1,3,5-Trimethylbenzene	11.202	105	4533	0.104	ppbv	96
74) 1,2,4-Trimethylbenzene	11.536	105	16140	0.342	ppbv #	53

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

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