

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021025\
 Data File : VL041987.D
 Acq On : 10 Feb 2025 14:39
 Operator : SY/MD
 Sample : Q1303-02 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV2

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/11/2025
 Supervised By :Mahesh Dadoda 02/11/2025

Quant Time: Feb 11 01:23:52 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	150085	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	3.952	114	415477	10.000	ppbv	-0.02
55) Chlorobenzene-d5	8.879	117	373160	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	264651	9.004	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	90.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.496	85	2541	0.124	ppbv	97
9) Propene	1.486	41	3724	0.422	ppbv	86
10) Heptane	4.972	43	61096m	2.591	ppbv	
13) Ethanol	1.719	45	17505	27.089	ppbv	86
15) Acetone	1.832	43	212962	11.814	ppbv	99
19) Isopropyl Alcohol	1.884	45	37953m	3.551	ppbv	
20) Methylene Chloride	2.059	84	1499	0.210	ppbv	92
26) Hexane	2.823	57	228396	11.880	ppbv #	36
29) Chloroform	2.845	83	3909	0.129	ppbv	88
30) Cyclohexane	3.855	84	5116	0.307	ppbv #	88
34) 2-Butanone	2.557	43	93067	3.522	ppbv	98
38) Trichloroethene	4.554	130	733m	0.048	ppbv	
41) Tetrahydrofuran	3.056	42	62905	4.381	ppbv	98
51) 2-Hexanone	7.435	43	377479	13.619	ppbv #	74
52) Tetrachloroethene	8.222	164	9927	0.751	ppbv	90
53) Toluene	6.927	91	233871	5.634	ppbv	100
58) Ethyl Benzene	9.351	91	220202	3.776	ppbv	95
59) m/p-Xylene	9.529	91	433881	9.282	ppbv	98
60) o-Xylene	9.963	91	208171	4.487	ppbv	100
62) Isopropylbenzene	10.539	105	139797	1.947	ppbv	98
64) n-propylbenzene	10.989	120	62740	3.458	ppbv	84
65) tert-Butylbenzene	11.542	119	67647	1.034	ppbv #	55
67) sec-Butylbenzene	11.772	105	141296	1.568	ppbv	99
69) p-Isopropyltoluene	11.927	119	76372	1.029	ppbv #	91
70) n-Butylbenzene	12.284	91	74239	1.009	ppbv #	68
73) 1,3,5-Trimethylbenzene	11.206	105	197194	4.024	ppbv	96
74) 1,2,4-Trimethylbenzene	11.542	105	554997	10.456	ppbv #	55

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

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