

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021025\
 Data File : VL041989.D
 Acq On : 10 Feb 2025 15:43
 Operator : SY/MD
 Sample : Q1303-03
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1

Manual Integrations
 APPROVED

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

Quant Time: Feb 11 01:25:01 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	143881	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	3.952	114	411385	10.000	ppbv	-0.02
55) Chlorobenzene-d5	8.875	117	350508	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.371	95	258442	9.361	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.600%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.496	85	8543	0.436	ppbv	98
4) Chloromethane	1.528	50	4082	0.554	ppbv	94
9) Propene	1.486	41	19213m	2.272	ppbv	
11) Trichlorofluoromethane	1.874	101	5294m	0.260	ppbv	
13) Ethanol	1.719	45	675322	1090.109	ppbv	88
15) Acetone	1.832	43	2310992	133.728	ppbv #	58
17) tert-Butyl alcohol	2.043	59	3605m	0.169	ppbv	
19) Isopropyl Alcohol	1.884	45	1259646	122.935	ppbv #	28
20) Methylene Chloride	2.059	84	10800	1.581	ppbv #	85
25) Ethyl Acetate	2.832	43	558771	11.991	ppbv #	92
34) 2-Butanone	2.561	43	14190	0.542	ppbv	100
35) Carbon Tetrachloride	3.761	117	1770m	0.068	ppbv	
36) Benzene	3.651	78	15471	0.410	ppbv	94
38) Trichloroethene	4.545	130	484m	0.032	ppbv	
52) Tetrachloroethene	8.221	164	20075	1.534	ppbv #	81
53) Toluene	6.927	91	48493	1.180	ppbv	99
58) Ethyl Benzene	9.348	91	5704	0.104	ppbv	97
59) m/p-Xylene	9.523	91	13469m	0.307	ppbv	
60) o-Xylene	9.956	91	6020	0.138	ppbv	83

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

Manual Integrations

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