

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011923\
 Data File : VL040113.D
 Acq On : 19 Jan 2023 14:58
 Operator : SY/MD
 Sample : 01223-01DL 40X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VP-1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/20/2023
 Supervised By :Mahesh Dadoda 01/20/2023

Quant Time: Jan 20 02:06:56 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2023

QLast Update : Mon Jan 16 14:40:47 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.192	49	1072636	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2881715	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.478	117	2629372	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.790	95	2220849	10.163	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.600%
Target Compounds					Qvalue	
5) Vinyl Chloride	2.909	62	2861	0.042	ppbv	98
9) Propene	2.697	41	380880m	7.125	ppbv	
10) Heptane	7.587	43	56989m	0.463	ppbv	
13) Ethanol	3.250	45	8470	1.722	ppbv	77
15) Acetone	3.481	43	105230m	0.818	ppbv	
16) 1,3-Butadiene	2.967	39	13667m	0.228	ppbv	
20) Methylene Chloride	3.931	84	46807	0.825	ppbv	96
26) Hexane	5.211	57	98038	0.988	ppbv #	41
30) Cyclohexane	6.607	84	593030	7.521	ppbv	95
34) 2-Butanone	4.803	43	76731m	0.563	ppbv	
36) Benzene	6.375	78	69152	0.324	ppbv	98
44) 2,2,4-Trimethylpentane	7.333	57	5469256	15.422	ppbv #	75
53) Toluene	9.230	91	32530	0.143	ppbv	94
58) Ethyl Benzene	12.095	91	44677m	0.152	ppbv	
62) Isopropylbenzene	14.047	105	223270	0.620	ppbv	100
64) n-propylbenzene	14.941	120	39659m	0.443	ppbv	
67) sec-Butylbenzene	16.648	105	73698	0.169	ppbv	97

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

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