

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011923\
 Data File : VL040112.D
 Acq On : 19 Jan 2023 14:21
 Operator : SY/MD
 Sample : 01223-01DL 10X
 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 02:06:30 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	1127251	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	3000420	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.491	117	2591186	10.000	ppbv	# 0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.790	95	4151020	19.275	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	192.800%#
Target Compounds						
					Qvalue	
5) Vinyl Chloride	2.912	62	33236	0.469	ppbv	94
10) Heptane	7.600	43	643187	4.968	ppbv #	27
13) Ethanol	3.237	45	79605m	15.396	ppbv	
15) Acetone	3.462	43	1202531	8.895	ppbv #	78
19) Isopropyl Alcohol	3.581	45	33382m	0.505	ppbv	
20) Methylene Chloride	3.931	84	113435	1.902	ppbv	91
26) Hexane	5.218	57	640238	6.142	ppbv #	40
27) Carbon Disulfide	4.121	76	49859	0.369	ppbv	97
30) Cyclohexane	6.613	84	5906846	71.288	ppbv	91
31) cis-1,2-Dichloroethene	5.079	61	41347m	0.410	ppbv	
34) 2-Butanone	4.787	43	887890m	6.256	ppbv	
36) Benzene	6.375	78	784948	3.535	ppbv	99
41) Tetrahydrofuran	5.581	42	83196m	1.016	ppbv	
44) 2,2,4-Trimethylpentane	7.356	57	26110246	70.711	ppbv #	40
53) Toluene	9.240	91	327587	1.383	ppbv	95
58) Ethyl Benzene	12.114	91	460627	1.593	ppbv	93
59) m/p-Xylene	12.368	91	199659m	0.768	ppbv	
60) o-Xylene	13.079	91	97967m	0.397	ppbv	
62) Isopropylbenzene	14.056	105	2838477	7.996	ppbv	99
64) n-propylbenzene	14.944	120	530660	6.014	ppbv	95
65) tert-Butylbenzene	16.114	119	150768	0.496	ppbv #	83
67) sec-Butylbenzene	16.661	105	1094921	2.541	ppbv	100
74) 1,2,4-Trimethylbenzene	16.130	105	82534	0.302	ppbv #	92

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

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