

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011923\
 Data File : VL040116.D
 Acq On : 19 Jan 2023 16:55
 Operator : SY/MD
 Sample : 01223-03 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VP-3

Manual Integrations
 APPROVED

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

Quant Time: Jan 20 02:08:04 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	5.198	49	1127702	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.664	114	2863507	10.000	ppbv	0.01
55) Chlorobenzene-d5	11.484	117	2608285	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.796	95	2083415	9.611	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.100%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.726	85	19956	0.101	ppbv	96
9) Propene	2.687	41	5650745	100.551	ppbv	95
10) Heptane	7.587	43	140617m	1.086	ppbv	
13) Ethanol	3.234	45	228033	44.086	ppbv	98
15) Acetone	3.462	43	5163282	38.177	ppbv #	87
19) Isopropyl Alcohol	3.581	45	78058	1.180	ppbv #	90
20) Methylene Chloride	3.935	84	414896	6.953	ppbv	93
26) Hexane	5.218	57	533473	5.116	ppbv #	50
27) Carbon Disulfide	4.124	76	130661	0.967	ppbv #	91
30) Cyclohexane	6.610	84	58824m	0.710	ppbv	
34) 2-Butanone	4.787	43	2157581	15.929	ppbv	97
36) Benzene	6.378	78	1111147	5.244	ppbv	96
41) Tetrahydrofuran	5.568	42	207917	2.660	ppbv	99
52) Tetrachloroethene	10.622	164	3719m	0.054	ppbv	
53) Toluene	9.233	91	663484	2.936	ppbv	99
58) Ethyl Benzene	12.102	91	115139	0.396	ppbv	99
59) m/p-Xylene	12.359	91	254492m	0.972	ppbv	
60) o-Xylene	13.076	91	94610	0.381	ppbv	92
72) 4-Ethyltoluene	15.208	105	44083m	0.160	ppbv	
73) 1,3,5-Trimethylbenzene	15.368	105	36325m	0.146	ppbv	
74) 1,2,4-Trimethylbenzene	16.130	105	120141	0.437	ppbv #	69

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

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