

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL020924\
 Data File : VL041063.D
 Acq On : 9 Feb 2024 18:25
 Operator : SY/MD
 Sample : P1420-01DUP
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA2RDUP

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/12/2024
 Supervised By :Mahesh Dadoda 02/12/2024

Quant Time: Feb 12 00:49:30 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL012324AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Mon Feb 12 00:40:04 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.189	49	1113055	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.648	114	2908808	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	2561382	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.774	95	1946334	10.060	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	= 100.600%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.729	85	109916	0.447	ppbv	98
4) Chloromethane	2.816	50	41256	0.588	ppbv #	86
11) Trichlorofluoromethane	3.562	101	41559	0.210	ppbv	90
13) Ethanol	3.243	45	6618424	452.237	ppbv	95
15) Acetone	3.469	43	1059401	7.443	ppbv	97
17) tert-Butyl alcohol	3.893	59	27220m	0.233	ppbv	
19) Isopropyl Alcohol	3.584	45	1219010	14.795	ppbv	99
20) Methylene Chloride	3.932	84	1981871	36.184	ppbv	95
26) Hexane	5.208	57	1718286	15.619	ppbv #	38
29) Chloroform	5.269	83	37764m	0.194	ppbv	
34) 2-Butanone	4.787	43	34019m	0.245	ppbv	
35) Carbon Tetrachloride	6.497	117	11562m	0.060	ppbv	
36) Benzene	6.365	78	55788m	0.232	ppbv	
44) 2,2,4-Trimethylpentane	7.320	57	38842m	0.096	ppbv	
52) Tetrachloroethene	10.613	164	3195m	0.040	ppbv	
53) Toluene	9.214	91	82488m	0.313	ppbv	
59) m/p-Xylene	12.372	91	93405m	0.311	ppbv	

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

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