

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL020623\
 Data File : VL040148.D
 Acq On : 6 Feb 2023 16:25
 Operator : SY/MD
 Sample : 01438-04DUP
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DUP

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/07/2023
 Supervised By :Mahesh Dadoda 02/08/2023

Quant Time: Feb 07 05:56:39 2023

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

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

QLast Update : Tue Jan 31 05:24:57 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.182	49	965103	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.645	114	2513189	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2144395	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.774	95	1583830	8.887	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	88.900%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.716	85	58194	0.344	ppbv	94
3) Chlorodifluoromethane	2.661	51	52179m	0.451	ppbv	
4) Chloromethane	2.800	50	31292	0.437	ppbv	93
9) Propene	2.681	41	797324	16.578	ppbv	95
10) Heptane	7.571	43	155576	1.404	ppbv	99
11) Trichlorofluoromethane	3.549	101	77247	0.457	ppbv	86
13) Ethanol	3.253	45	2876316	649.764	ppbv	98
15) Acetone	3.456	43	594848	5.139	ppbv #	79
19) Isopropyl Alcohol	3.591	45	13522851	238.785	ppbv #	93
20) Methylene Chloride	3.922	84	176000	3.447	ppbv	89
26) Hexane	5.202	57	316369	3.545	ppbv #	39
30) Cyclohexane	6.594	84	64327	0.907	ppbv	90
34) 2-Butanone	4.780	43	62531m	0.526	ppbv	
35) Carbon Tetrachloride	6.484	117	8641m	0.061	ppbv	
36) Benzene	6.362	78	1145127	6.157	ppbv	98
44) 2,2,4-Trimethylpentane	7.317	57	403271	1.304	ppbv #	90
50) 4-Methyl-2-Pentanone	8.185	43	54128m	0.289	ppbv	
53) Toluene	9.214	91	1823865	9.195	ppbv	99
58) Ethyl Benzene	12.085	91	463517	1.937	ppbv	93
59) m/p-Xylene	12.339	91	1045784	4.860	ppbv	94
60) o-Xylene	13.056	91	401753	1.967	ppbv	98
61) Styrene	12.905	104	24404m	0.229	ppbv	
62) Isopropylbenzene	14.031	105	37236m	0.127	ppbv	
64) n-propylbenzene	14.912	120	20646m	0.283	ppbv	
70) n-Butylbenzene	17.886	91	41767m	0.138	ppbv	
72) 4-Ethyltoluene	15.188	105	155617m	0.687	ppbv	
73) 1,3,5-Trimethylbenzene	15.352	105	102472	0.502	ppbv	100
74) 1,2,4-Trimethylbenzene	16.108	105	393973m	1.743	ppbv	
79) Naphthalene	21.391	128	19392m	0.150	ppbv	

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

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