

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011923\
 Data File : VL040111.D
 Acq On : 19 Jan 2023 13:43
 Operator : SY/MD
 Sample : 01223-01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VP-1

Manual Integrations APPROVED

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

Quant Time: Jan 20 02:05:57 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	5.195	49	1181192	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.674	114	2665077	10.000	ppbv	# 0.02
55) Chlorobenzene-d5	11.535	117	1795276	10.000	ppbv	# 0.06

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.867 95 25644663 171.874 ppbv 0.08
 Spiked Amount 10.000 Range 65 - 135 Recovery = 1718.700%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.719	85	34305	0.166	ppbv	91
3) Chlorodifluoromethane	2.661	51	147421m	1.041	ppbv	
4) Chloromethane	2.799	50	81349	0.929	ppbv	98
5) Vinyl Chloride	2.912	62	426824	5.749	ppbv	97
9) Propene	2.684	41	15884825	269.858	ppbv	85
10) Heptane	7.648	43	8291372	61.116	ppbv	96
11) Trichlorofluoromethane	3.558	101	59181	0.286	ppbv	92
13) Ethanol	3.227	45	927094	171.118	ppbv	100
15) Acetone	3.455	43	10427997	73.613	ppbv #	54
16) 1,3-Butadiene	2.970	39	1309292m	19.824	ppbv	
17) tert-Butyl alcohol	3.880	59	203938m	1.546	ppbv	
19) Isopropyl Alcohol	3.571	45	377572	5.447	ppbv #	90
20) Methylene Chloride	3.931	84	779083	12.466	ppbv	95
22) trans-1,2-Dichloroethene	4.446	96	11859m	0.172	ppbv	
26) Hexane	5.230	57	6270552	57.413	ppbv #	42
27) Carbon Disulfide	4.121	76	1065529	7.531	ppbv	97
29) Chloroform	5.285	83	45392m	0.260	ppbv	
30) Cyclohexane	6.645	84	31390005	361.535	ppbv #	81
31) cis-1,2-Dichloroethene	5.086	61	571251	5.403	ppbv	96
32) 1,1,1-Trichloroethane	6.021	97	15502m	0.087	ppbv	
34) 2-Butanone	4.783	43	10062393	79.822	ppbv	96
35) Carbon Tetrachloride	6.516	117	5978m	0.040	ppbv	
36) Benzene	6.385	78	9347259	47.395	ppbv	94
41) Tetrahydrofuran	5.561	42	1124783m	15.459	ppbv	
44) 2,2,4-Trimethylpentane	7.426	57	77428254m	236.073	ppbv	
52) Tetrachloroethene	10.722	164	10415m	0.161	ppbv	
53) Toluene	9.291	91	3581517	17.026	ppbv	96
58) Ethyl Benzene	12.198	91	4495165	22.437	ppbv	98
59) m/p-Xylene	12.458	91	1895128m	10.521	ppbv	
60) o-Xylene	13.169	91	986969m	5.772	ppbv	
61) Styrene	12.998	104	118672m	1.332	ppbv	
62) Isopropylbenzene	14.140	105	24780092	100.758	ppbv	92
64) n-propylbenzene	15.088	120	4510853m	73.784	ppbv	
65) tert-Butylbenzene	16.194	119	1540712m	7.317	ppbv	
67) sec-Butylbenzene	16.728	105	9585924	32.113	ppbv	97
70) n-Butylbenzene	17.956	91	378819	1.498	ppbv #	83
73) 1,3,5-Trimethylbenzene	15.500	105	182476m	1.068	ppbv	
74) 1,2,4-Trimethylbenzene	16.214	105	806075	4.260	ppbv #	75
79) Naphthalene	21.429	128	24587m	0.227	ppbv	

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

