

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL070522\
 Data File : VL039431.D
 Acq On : 5 Jul 2022 23:00
 Operator : SY/AP
 Sample : N3573-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 07/07/2022
 Supervised By : Mahesh Dadoda 07/07/2022

Quant Time: Jul 06 02:39:01 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 6 2022

QLast Update : Wed Jul 06 02:15:38 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.694	49	1184734	10.000	ppbv	0.04
33) 1,4-Difluorobenzene	7.198	114	3112323	10.000	ppbv	0.04
55) Chlorobenzene-d5	12.095	117	2760982	10.000	ppbv	0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.423	95	2028825	9.905	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.100%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	3.057	85	41154	0.241	ppbv #	86
3) Chlorodifluoromethane	2.993	51	101816m	0.677	ppbv	
4) Chloromethane	3.150	50	39257m	0.478	ppbv	
7) Chloroethane	3.565	64	7638m	0.265	ppbv	
9) Propene	3.034	41	203055	2.991	ppbv #	67
10) Heptane	8.131	43	84607m	0.532	ppbv	
11) Trichlorofluoromethane	3.960	101	44121m	0.232	ppbv	
13) Ethanol	3.623	45	3565619	905.400	ppbv	72
15) Acetone	3.848	43	49283431m	351.617	ppbv	
17) tert-Butyl alcohol	4.321	59	47911m	0.403	ppbv	
19) Isopropyl Alcohol	3.986	45	18966813	253.691	ppbv #	88
20) Methylene Chloride	4.366	84	839819	15.032	ppbv	97
25) Ethyl Acetate	5.687	43	8119154	28.251	ppbv #	90
29) Chloroform	5.777	83	845871	4.199	ppbv	94
30) Cyclohexane	7.137	84	16509m	0.157	ppbv	
34) 2-Butanone	5.263	43	401072	2.560	ppbv	99
35) Carbon Tetrachloride	7.041	117	11310m	0.059	ppbv	
36) Benzene	6.906	78	75196	0.312	ppbv	94
43) Methyl Methacrylate	8.031	69	9387126	102.489	ppbv	93
44) 2,2,4-Trimethylpentane	7.880	57	74459	0.182	ppbv #	56
50) 4-Methyl-2-Pentanone	8.764	43	33253m	0.140	ppbv	
52) Tetrachloroethene	11.230	164	65436m	0.675	ppbv	
53) Toluene	9.819	91	970127	3.492	ppbv	100
58) Ethyl Benzene	12.716	91	54804m	0.154	ppbv	
59) m/p-Xylene	12.976	91	147363m	0.469	ppbv	
60) o-Xylene	13.696	91	56181m	0.189	ppbv	
74) 1,2,4-Trimethylbenzene	16.764	105	62944m	0.177	ppbv	
76) 1,4-Dichlorobenzene	17.140	146	21314m	0.101	ppbv	
80) Naphthalene,2-methyl-	24.976	142	13530m	0.162	ppbv	

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

