

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100423\
 Data File : VL040741.D
 Acq On : 4 Oct 2023 15:34
 Operator : SY/MD
 Sample : QC100323 CAN 10333
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC100323 CAN 10333

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 10/05/2023
 Supervised By : Mahesh Dadoda 10/05/2023

Quant Time: Oct 05 04:27:22 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091423AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2023

QLast Update : Tue Sep 19 05:12:43 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.189	49	1174027	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.642	114	3240372	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.449	117	2724868	10.000	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.761	95	1962350	9.321	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.742	85	26457	0.102	ppbv	89
3) Chlorodifluoromethane	2.684	51	20287	0.106	ppbv	100
4) Chloromethane	2.822	50	8749	0.119	ppbv	91
5) Vinyl Chloride	2.928	62	5759	0.067	ppbv #	76
7) Chloroethane	3.202	64	3487m	0.117	ppbv	
8) Dichlorotetrafluoroethane	2.870	85	22598	0.106	ppbv	98
9) Propene	2.703	41	11584	0.210	ppbv	95
13) Ethanol	3.259	45	4820m	0.296	ppbv	
15) Acetone	3.497	43	40091	0.259	ppbv #	77
16) 1,3-Butadiene	2.996	39	7277	0.108	ppbv	84
17) tert-Butyl alcohol	3.909	59	18085m	0.114	ppbv	
18) 1,1-Dichloroethene	3.883	96	7707	0.107	ppbv #	71
19) Isopropyl Alcohol	3.616	45	10452m	0.112	ppbv	
20) Methylene Chloride	3.938	84	75426	0.905	ppbv	91
21) Allyl Chloride	3.999	41	11246m	0.118	ppbv	
22) trans-1,2-Dichloroethene	4.452	96	7638m	0.107	ppbv	
23) Vinyl Acetate	4.645	43	22831m	0.143	ppbv	
24) 1,1-Dichloroethane	4.562	63	15598m	0.104	ppbv	
25) Ethyl Acetate	5.214	43	51069	0.204	ppbv #	94
26) Hexane	5.205	57	48113	0.407	ppbv #	55
28) Methyl tert-Butyl Ether	4.600	73	12449m	0.123	ppbv	
29) Chloroform	5.269	83	22907	0.112	ppbv	98
30) Cyclohexane	6.587	84	9535m	0.107	ppbv	
31) cis-1,2-Dichloroethene	5.073	61	11196	0.102	ppbv	93
32) 1,1,1-Trichloroethane	5.992	97	19271m	0.092	ppbv	
34) 2-Butanone	4.809	43	19583m	0.120	ppbv	
35) Carbon Tetrachloride	6.478	117	17234m	0.077	ppbv	
36) Benzene	6.362	78	29597m	0.123	ppbv	
38) Trichloroethene	7.279	130	10763m	0.118	ppbv	
39) 1,2-Dichloropropane	7.066	63	13608m	0.147	ppbv	
40) 1,4-Dioxane	7.343	88	4299m	0.123	ppbv	
41) Tetrahydrofuran	5.591	42	9796m	0.117	ppbv	
44) 2,2,4-Trimethylpentane	7.317	57	38480m	0.101	ppbv	
47) 1,1,2-Trichloroethane	8.886	97	12157m	0.115	ppbv	
52) Tetrachloroethene	10.594	164	10384m	0.133	ppbv	
53) Toluene	9.211	91	26535m	0.105	ppbv	
56) 1,1,1,2-Tetrachloroethane	11.487	131	13497m	0.104	ppbv	
57) Chlorobenzene	11.503	112	26245m	0.127	ppbv	
59) m/p-Xylene	12.356	91	45903m	0.157	ppbv	
62) Isopropylbenzene	14.018	105	42304m	0.101	ppbv	
80) Naphthalene,2-methyl-	24.419	142	609	0.012	ppbv #	78

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

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