

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100423\
 Data File : VL040738.D
 Acq On : 4 Oct 2023 13:14
 Operator : SY/MD
 Sample : 04716-04
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OA1

Manual Integrations
 APPROVED

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

Quant Time: Oct 05 04:26:41 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	1080817	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.645	114	2950878	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.452	117	2422255	10.000	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.761	95	1787209	9.550	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.500%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.739	85	117502	0.493	ppbv	91
3) Chlorodifluoromethane	2.684	51	94879m	0.539	ppbv	
4) Chloromethane	2.822	50	37377	0.554	ppbv #	86
9) Propene	2.710	41	217687m	4.292	ppbv	
11) Trichlorofluoromethane	3.571	101	45474m	0.217	ppbv	
13) Ethanol	3.243	45	616436	41.058	ppbv	99
15) Acetone	3.472	43	1376197m	9.653	ppbv	
19) Isopropyl Alcohol	3.584	45	702689	8.180	ppbv #	97
20) Methylene Chloride	3.935	84	2142311	27.919	ppbv	97
26) Hexane	5.211	57	1079308	9.927	ppbv #	40
29) Chloroform	5.269	83	21206m	0.113	ppbv	
30) Cyclohexane	6.590	84	26925m	0.329	ppbv	
34) 2-Butanone	4.793	43	162647	1.096	ppbv	96
35) Carbon Tetrachloride	6.488	117	14364m	0.071	ppbv	
36) Benzene	6.362	78	160722	0.736	ppbv #	91
44) 2,2,4-Trimethylpentane	7.320	57	193605	0.556	ppbv #	83
52) Tetrachloroethene	10.597	164	6180m	0.087	ppbv	
53) Toluene	9.208	91	610536	2.646	ppbv	99
58) Ethyl Benzene	12.073	91	84804	0.307	ppbv	94
59) m/p-Xylene	12.333	91	247879m	0.956	ppbv	
60) o-Xylene	13.040	91	80868	0.327	ppbv	97
61) Styrene	12.886	104	15484m	0.149	ppbv	

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

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