

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041923\
 Data File : VL040386.D
 Acq On : 19 Apr 2023 19:11
 Operator : SY/MD
 Sample : 02368-01 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VP2-A

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/20/2023
 Supervised By : Mahesh Dadoda 04/22/2023

Quant Time: Apr 20 05:13:11 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041323AIR.M

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

QLast Update : Thu Apr 13 14:37:02 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.179	49	1075754	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	6.645	114	2747130	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2585298	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	2123073	9.931	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.300%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.713	85	29560	0.152	ppbv	99
4) Chloromethane	2.796	50	20536	0.231	ppbv #	86
9) Propene	2.677	41	49230	0.886	ppbv	86
13) Ethanol	3.221	45	3265433	704.357	ppbv	96
15) Acetone	3.449	43	4444176	29.168	ppbv	94
17) tert-Butyl alcohol	3.873	59	97391	0.696	ppbv	97
19) Isopropyl Alcohol	3.565	45	371827m	5.348	ppbv	
20) Methylene Chloride	3.922	84	229014	3.765	ppbv	94
26) Hexane	5.205	57	281482	2.604	ppbv #	38
27) Carbon Disulfide	4.115	76	36207	0.259	ppbv #	73
29) Chloroform	5.262	83	358063	1.860	ppbv	100
34) 2-Butanone	4.774	43	1385870	9.356	ppbv	99
36) Benzene	6.362	78	32390	0.145	ppbv #	94
38) Trichloroethene	7.295	130	6222m	0.049	ppbv	
41) Tetrahydrofuran	5.549	42	190043	2.343	ppbv	99
50) 4-Methyl-2-Pentanone	8.182	43	111218m	0.495	ppbv	
52) Tetrachloroethene	10.613	164	387171	5.522	ppbv	96
53) Toluene	9.217	91	194397	0.818	ppbv	98
58) Ethyl Benzene	12.082	91	58098	0.183	ppbv	90
59) m/p-Xylene	12.346	91	182523m	0.624	ppbv	
60) o-Xylene	13.060	91	67961m	0.242	ppbv	

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

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