

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031323\
 Data File : VL040272.D
 Acq On : 13 Mar 2023 19:47
 Operator : SY/MD
 Sample : 01897-03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 BASEMENT-REAR

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/14/2023
 Supervised By :Mahesh Dadoda 03/15/2023

Quant Time: Mar 14 04:56:13 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M

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

QLast Update : Tue Mar 14 04:52:39 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.195	49	811449	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	2043347	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.481	117	1802598	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.796	95	1501858	10.132	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.300%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.722	85	76106	0.503	ppbv	98
3) Chlorodifluoromethane	2.668	51	38933m	0.402	ppbv	
4) Chloromethane	2.806	50	26911	0.442	ppbv	99
9) Propene	2.697	41	33166m	0.839	ppbv	
11) Trichlorofluoromethane	3.558	101	31235	0.230	ppbv	86
13) Ethanol	3.230	45	293739	80.751	ppbv	93
15) Acetone	3.462	43	852205	8.723	ppbv	99
17) tert-Butyl alcohol	3.893	59	15402m	0.173	ppbv	
19) Isopropyl Alcohol	3.578	45	40080	0.863	ppbv #	1
20) Methylene Chloride	3.931	84	59270	1.165	ppbv	94
26) Hexane	5.214	57	48034	0.616	ppbv #	55
34) 2-Butanone	4.790	43	252581	2.506	ppbv	100
35) Carbon Tetrachloride	6.500	117	10125m	0.084	ppbv	
36) Benzene	6.372	78	21377	0.134	ppbv #	93
41) Tetrahydrofuran	5.571	42	60961	1.044	ppbv	96
52) Tetrachloroethene	10.635	164	1817m	0.037	ppbv	
53) Toluene	9.230	91	797115	4.680	ppbv	99
58) Ethyl Benzene	12.105	91	971099	4.434	ppbv	95
59) m/p-Xylene	12.359	91	2465975	12.712	ppbv	97
60) o-Xylene	13.076	91	393267	2.107	ppbv	98

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

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