

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011923\
 Data File : VL040123.D
 Acq On : 19 Jan 2023 21:23
 Operator : SY/MD
 Sample : 01223-02 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VP-2

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/20/2023
 Supervised By :Mahesh Dadoda 01/20/2023

Quant Time: Jan 20 02:10:23 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M

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

QLast Update : Mon Jan 16 14:40:47 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.208	49	1006273	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.674	114	2727361	10.000	ppbv	0.02
55) Chlorobenzene-d5	11.497	117	2484881	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.809	95	2283125	11.055	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	110.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.729	85	18867	0.107	ppbv	96
4) Chloromethane	2.812	50	11067	0.148	ppbv #	81
10) Heptane	7.603	43	110218	0.954	ppbv #	27
13) Ethanol	3.240	45	470815	102.006	ppbv	96
15) Acetone	3.465	43	4873170	40.380	ppbv #	85
17) tert-Butyl alcohol	3.896	59	48722	0.434	ppbv #	72
19) Isopropyl Alcohol	3.587	45	93762	1.588	ppbv #	90
20) Methylene Chloride	3.941	84	119354	2.242	ppbv	96
25) Ethyl Acetate	5.217	43	293515	1.381	ppbv	97
26) Hexane	5.230	57	172083m	1.849	ppbv	
30) Cyclohexane	6.623	84	599321	8.103	ppbv	96
34) 2-Butanone	4.793	43	2227104	17.263	ppbv	99
36) Benzene	6.388	78	131088	0.649	ppbv	96
41) Tetrahydrofuran	5.574	42	427689m	5.744	ppbv	
44) 2,2,4-Trimethylpentane	7.352	57	10230464	30.480	ppbv #	72
52) Tetrachloroethene	10.651	164	20625m	0.312	ppbv	
53) Toluene	9.249	91	594597	2.762	ppbv	100
58) Ethyl Benzene	12.121	91	268379	0.968	ppbv	99
59) m/p-Xylene	12.381	91	598476	2.400	ppbv	91
60) o-Xylene	13.092	91	262334	1.108	ppbv	98
62) Isopropylbenzene	14.063	105	70492	0.207	ppbv	99
72) 4-Ethyltoluene	15.227	105	96869m	0.369	ppbv	
73) 1,3,5-Trimethylbenzene	15.387	105	80081	0.339	ppbv	94
74) 1,2,4-Trimethylbenzene	16.143	105	205889	0.786	ppbv #	66

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

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