

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092723\
 Data File : VL040724.D
 Acq On : 27 Sep 2023 12:50
 Operator : SY/MD
 Sample : 04616-01 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SSG2

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 09/28/2023
 Supervised By : Mahesh Dadoda 09/28/2023

Quant Time: Sep 28 01:43:47 2023

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

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2

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	5.182	49	1275562	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.635	114	3524731	10.000	ppbv	-0.03
55) Chlorobenzene-d5	11.442	117	3077452	10.000	ppbv	-0.04
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.748	95	2336199	9.826	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.300%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.738	85	32749	0.117	ppbv	95
3) Chlorodifluoromethane	2.684	51	14074m	0.068	ppbv	
9) Propene	2.703	41	54948	0.918	ppbv	88
13) Ethanol	3.237	45	597854	33.741	ppbv	94
15) Acetone	3.462	43	8256409	49.072	ppbv	91
17) tert-Butyl alcohol	3.880	59	208423	1.209	ppbv	96
19) Isopropyl Alcohol	3.578	45	219030	2.161	ppbv #	93
20) Methylene Chloride	3.931	84	170959	1.888	ppbv	93
26) Hexane	5.198	57	141864	1.106	ppbv #	42
27) Carbon Disulfide	4.121	76	97979	0.548	ppbv #	84
29) Chloroform	5.262	83	180258	0.814	ppbv	95
34) 2-Butanone	4.777	43	486043	2.742	ppbv	99
36) Benzene	6.349	78	89760	0.344	ppbv #	84
40) 1,4-Dioxane	7.275	88	56854	1.497	ppbv #	61
41) Tetrahydrofuran	5.549	42	42678m	0.470	ppbv	
50) 4-Methyl-2-Pentanone	8.169	43	90238	0.377	ppbv	96
52) Tetrachloroethene	10.597	164	20131m	0.236	ppbv	
53) Toluene	9.198	91	297938	1.081	ppbv	100
58) Ethyl Benzene	12.066	91	107897m	0.308	ppbv	
59) m/p-Xylene	12.314	91	243141m	0.738	ppbv	
60) o-Xylene	13.027	91	93052m	0.296	ppbv	
61) Styrene	12.873	104	312499	2.373	ppbv	98
62) Isopropylbenzene	14.002	105	1058975	2.232	ppbv	99

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

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