

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110921\
 Data File : VL038004.D
 Acq On : 10 Nov 2021 7:18
 Operator : SY/AP
 Sample : M4598-02DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 356-3DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/15/2021
 Supervised By :Mahesh Dadoda 11/17/2021

Quant Time: Nov 10 07:50:14 2021

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110121AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov 9 07:50:14 2021

QLast Update : Tue Nov 02 05:54:07 2021

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.668	49	1457330	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.173	114	4199860	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.082	117	3549719	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.407	95	2400735	9.304	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.000%
Target Compounds						
					Qvalue	
3) Chlorodifluoromethane	2.993	51	909684m	3.353	ppbv	
9) Propene	3.018	41	165402	1.700	ppbv	95
13) Ethanol	3.626	45	46446m	4.733	ppbv	
15) Acetone	3.858	43	253940	2.109	ppbv #	42
16) 1,3-Butadiene	3.314	39	202645m	2.136	ppbv	
17) tert-Butyl alcohol	4.317	59	22752m	0.182	ppbv	
20) Methylene Chloride	4.343	84	40742m	0.616	ppbv	
22) trans-1,2-Dichloroethene	4.887	96	119838	1.644	ppbv	96
26) Hexane	5.684	57	44478	0.262	ppbv #	48
31) cis-1,2-Dichloroethene	5.559	61	25828m	0.167	ppbv	
34) 2-Butanone	5.253	43	722624	4.643	ppbv	99
38) Trichloroethene	7.835	130	639102	4.502	ppbv	98
51) 2-Hexanone	10.150	43	49550m	0.575	ppbv	
52) Tetrachloroethene	11.221	164	1869249	14.407	ppbv	96
53) Toluene	9.806	91	194873	0.531	ppbv	98
58) Ethyl Benzene	12.703	91	60246m	0.139	ppbv	
59) m/p-Xylene	12.963	91	229740m	0.595	ppbv	
60) o-Xylene	13.684	91	78419	0.216	ppbv	100
74) 1,2,4-Trimethylbenzene	16.757	105	75631m	0.185	ppbv	

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

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