

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL122921\
 Data File : VL038245.D
 Acq On : 29 Dec 2021 23:15
 Operator : SY/AP
 Sample : M5252-01DUP
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-1DUP

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 12/30/2021
 Supervised By :Semsettin Yesilyurt 01/02/2022

Quant Time: Dec 30 06:20:23 2021

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL122121AIR.M

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Tue Dec 21 2021

QLast Update : Tue Dec 21 17:47:08 2021

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.671	49	659257	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.179	114	1598305	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.082	117	1346788	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.413	95	1022907	9.856	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.600%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.057	85	26715	0.215	ppbv	99
3) Chlorodifluoromethane	2.996	51	37368m	0.270	ppbv	
4) Chloromethane	3.147	50	20245m	0.421	ppbv	
9) Propene	3.031	41	49978	1.039	ppbv #	72
11) Trichlorofluoromethane	3.960	101	315255	2.763	ppbv	97
13) Ethanol	3.610	45	1838856	225.487	ppbv #	100
15) Acetone	3.851	43	4618628	69.806	ppbv	98
19) Isopropyl Alcohol	3.973	45	1156251	28.018	ppbv #	1
20) Methylene Chloride	4.349	84	127602	3.416	ppbv	97
25) Ethyl Acetate	5.684	43	132942	0.742	ppbv #	96
26) Hexane	5.690	57	85180	0.947	ppbv #	74
32) 1,1,1-Trichloroethane	6.523	97	5070m	0.038	ppbv	
34) 2-Butanone	5.256	43	20536m	0.427	ppbv	
35) Carbon Tetrachloride	7.018	117	8732m	0.089	ppbv	
36) Benzene	6.893	78	35392	0.237	ppbv	96
38) Trichloroethene	7.838	130	32327	0.570	ppbv	95
52) Tetrachloroethene	11.224	164	109717m	1.994	ppbv	
53) Toluene	9.806	91	52630	0.306	ppbv	99
58) Ethyl Benzene	12.716	91	25018m	0.120	ppbv	
59) m/p-Xylene	12.967	91	77319m	0.433	ppbv	
60) o-Xylene	13.690	91	25646	0.155	ppbv	96

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

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