

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032222\
 Data File : VL038707.D
 Acq On : 23 Mar 2022 6:19
 Operator : SY/AP
 Sample : N2048-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P94

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/23/2022
 Supervised By :Mahesh Dadoda 03/25/2022

Quant Time: Mar 23 07:09:31 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar 23 2022

QLast Update : Mon Mar 21 17:09:26 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.648	49	768618	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.153	114	2005554	10.000	ppbv	-0.01
55) Chlorobenzene-d5	12.060	117	1920841	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.387	95	1412038	9.588	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.900%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	3.041	85	22211	0.215	ppbv	92
3) Chlorodifluoromethane	2.986	51	16173	0.199	ppbv	97
4) Chloromethane	3.137	50	5727	0.128	ppbv #	76
9) Propene	3.002	41	79706	2.034	ppbv	99
11) Trichlorofluoromethane	3.938	101	21824m	0.239	ppbv	
13) Ethanol	3.590	45	144714	33.474	ppbv	98
15) Acetone	3.832	43	1756719	26.488	ppbv	90
17) tert-Butyl alcohol	4.282	59	46736	0.807	ppbv #	94
19) Isopropyl Alcohol	3.954	45	28524	0.776	ppbv #	91
20) Methylene Chloride	4.330	84	27373	0.980	ppbv	97
29) Chloroform	5.735	83	16853	0.141	ppbv	85
34) 2-Butanone	5.221	43	1140867	14.372	ppbv	98
36) Benzene	6.870	78	19613	0.127	ppbv	97
51) 2-Hexanone	10.118	43	124950	1.179	ppbv #	99
52) Tetrachloroethene	11.201	164	2250268	39.727	ppbv	97
53) Toluene	9.783	91	40426m	0.243	ppbv	
59) m/p-Xylene	12.941	91	24146m	0.123	ppbv	
75) 1,3-Dichlorobenzene	16.982	146	47869m	0.344	ppbv	

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

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