

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092122\
 Data File : VL039655.D
 Acq On : 22 Sep 2022 4:15
 Operator : SY/AP
 Sample : N4669-08
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0PG0

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/22/2022
 Supervised By :Mahesh Dadoda 09/28/2022

Quant Time: Sep 22 08:26:28 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2022

QLast Update : Mon Sep 19 14:26:28 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.221	49	953242	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.680	114	2441405	10.000	ppbv	0.02
55) Chlorobenzene-d5	11.491	117	2314531	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.799	95	1752872	10.145	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.500%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.761	85	22561	0.204	ppbv	91
3) Chlorodifluoromethane	2.684	51	101609	0.898	ppbv #	69
4) Chloromethane	2.845	50	22132	0.324	ppbv	94
11) Trichlorofluoromethane	3.597	101	1066180	7.790	ppbv	100
13) Ethanol	3.275	45	5369487	1364.004	ppbv	71
15) Acetone	3.497	43	3361957	31.695	ppbv	99
17) tert-Butyl alcohol	3.931	59	138305m	1.453	ppbv	
20) Methylene Chloride	3.967	84	43158	0.880	ppbv	99
25) Ethyl Acetate	5.234	43	348695	1.508	ppbv #	97
29) Chloroform	5.304	83	138222	0.975	ppbv	99
34) 2-Butanone	4.819	43	252274	2.104	ppbv	99
35) Carbon Tetrachloride	6.520	117	13261	0.102	ppbv #	78
36) Benzene	6.394	78	28468	0.153	ppbv #	79
41) Tetrahydrofuran	5.587	42	111646m	1.518	ppbv	
52) Tetrachloroethene	10.638	164	8725m	0.123	ppbv	
53) Toluene	9.246	91	222739	1.073	ppbv	98
58) Ethyl Benzene	12.118	91	22548m	0.084	ppbv	
60) o-Xylene	13.079	91	18230	0.080	ppbv	81

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

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