

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121222\
 Data File : VL039974.D
 Acq On : 12 Dec 2022 13:49
 Operator : SY/MD
 Sample : N5969-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-2

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/14/2022
 Supervised By :Mahesh Dadoda 12/14/2022

Quant Time: Dec 13 06:09:40 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 12 2022

QLast Update : Fri Dec 02 23:21:36 2022

Response via : Initial Calibration

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

Internal Standards							
1) Bromochloromethane		5.173	49	1152095	10.000	ppbv	0.02
33) 1,4-Difluorobenzene		6.636	114	3068510	10.000	ppbv	0.02
55) Chlorobenzene-d5		11.455	117	2803648	10.000	ppbv	0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene		13.767	95	2353248	10.989	ppbv	0.03
Spiked Amount		10.000	Range	65 - 135	Recovery	= 109.900%	
Target Compounds						Qvalue	
2) Dichlorodifluoromethane		2.710	85	77964	0.473	ppbv	98
3) Chlorodifluoromethane		2.655	51	52031	0.327	ppbv	100
4) Chloromethane		2.793	50	44948	0.442	ppbv	93
11) Trichlorofluoromethane		3.542	101	109332	0.543	ppbv	98
13) Ethanol		3.218	45	2293740	401.180	ppbv	100
15) Acetone		3.449	43	1090074	7.133	ppbv	96
19) Isopropyl Alcohol		3.562	45	714205	8.632	ppbv #	31
20) Methylene Chloride		3.915	84	1749677	23.633	ppbv	95
26) Hexane		5.198	57	1359215	11.090	ppbv #	41
29) Chloroform		5.256	83	30859m	0.189	ppbv	
30) Cyclohexane		6.584	84	12810m	0.107	ppbv	
35) Carbon Tetrachloride		6.484	117	14780m	0.085	ppbv	
36) Benzene		6.356	78	81966	0.314	ppbv #	92
44) 2,2,4-Trimethylpentane		7.314	57	254090	0.584	ppbv #	91
52) Tetrachloroethene		10.603	164	15816m	0.162	ppbv	
53) Toluene		9.208	91	290893	0.979	ppbv	96
58) Ethyl Benzene		12.073	91	52726m	0.139	ppbv	
59) m/p-Xylene		12.330	91	160093m	0.503	ppbv	
60) o-Xylene		13.053	91	56423m	0.186	ppbv	
79) Naphthalene		21.378	128	77431m	0.391	ppbv	

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

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