

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031722\
 Data File : VL038628.D
 Acq On : 17 Mar 2022 16:14
 Operator : SY/AP
 Sample : N1976-01DUP
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-1ADUP

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/19/2022
 Supervised By :Mahesh Dadoda 03/21/2022

Quant Time: Mar 18 03:34:00 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030822AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Mar 08 2022

QLast Update : Tue Mar 08 21:18:44 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.671	49	880557	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	7.179	114	2209292	10.000	ppbv	0.02
55) Chlorobenzene-d5	12.089	117	1909691	10.000	ppbv	# 0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.420	95	1369197	9.430	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.300%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	3.060	85	20920	0.157	ppbv	94
3) Chlorodifluoromethane	2.996	51	1238028	7.973	ppbv	97
4) Chloromethane	3.147	50	31734	0.551	ppbv	99
9) Propene	3.031	41	672455m	12.274	ppbv	
10) Heptane	8.128	43	46879	0.358	ppbv	96
11) Trichlorofluoromethane	3.957	101	25075	0.215	ppbv	98
13) Ethanol	3.629	45	13095185	2080.745	ppbv	97
15) Acetone	3.854	43	442154	7.119	ppbv #	72
19) Isopropyl Alcohol	3.993	45	664400	16.020	ppbv	100
20) Methylene Chloride	4.350	84	88244	2.361	ppbv	93
26) Hexane	5.694	57	249708	2.542	ppbv #	73
30) Cyclohexane	7.134	84	28991m	0.341	ppbv	
34) 2-Butanone	5.250	43	64979	1.135	ppbv	93
35) Carbon Tetrachloride	7.018	117	9924m	0.066	ppbv	
36) Benzene	6.893	78	168600	0.846	ppbv	98
38) Trichloroethene	7.838	130	4504m	0.057	ppbv	
44) 2,2,4-Trimethylpentane	7.874	57	97043	0.288	ppbv #	76
52) Tetrachloroethene	11.234	164	5798m	0.079	ppbv	
53) Toluene	9.809	91	926413	4.353	ppbv	99
58) Ethyl Benzene	12.709	91	56340	0.228	ppbv	93
59) m/p-Xylene	12.967	91	195515m	0.924	ppbv	
60) o-Xylene	13.693	91	60529	0.303	ppbv	100
61) Styrene	13.536	104	14404m	0.146	ppbv	
74) 1,2,4-Trimethylbenzene	16.770	105	45247m	0.199	ppbv	

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

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