

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041122\
 Data File : VL038883.D
 Acq On : 11 Apr 2022 23:37
 Operator : SY/AP
 Sample : N2332-05
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-5

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/13/2022
 Supervised By : Mahesh Dadoda 04/14/2022

Quant Time: Apr 12 02:54:48 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL040522AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Apr 06 06:12:53 2022

QLast Update : Wed Apr 06 06:12:53 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.664	49	1200610	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.172	114	3056522	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.076	117	2818541	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.404	95	2236110	10.459	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.600%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.050	85	103667	0.609	ppbv	96
3) Chlorodifluoromethane	2.986	51	49562m	0.338	ppbv	
4) Chloromethane	3.140	50	50262m	0.662	ppbv	
9) Propene	3.021	41	385688m	4.975	ppbv	
10) Heptane	8.114	43	777718	3.983	ppbv	100
11) Trichlorofluoromethane	3.954	101	29590	0.216	ppbv	86
13) Ethanol	3.603	45	5054244	1072.818	ppbv #	100
15) Acetone	3.845	43	7756931	64.894	ppbv	97
17) tert-Butyl alcohol	4.308	59	104053m	0.971	ppbv	
19) Isopropyl Alcohol	3.967	45	1270786	20.801	ppbv #	100
20) Methylene Chloride	4.346	84	103778m	2.394	ppbv	
25) Ethyl Acetate	5.668	43	1708458	5.633	ppbv #	91
30) Cyclohexane	7.124	84	38598	0.317	ppbv	83
34) 2-Butanone	5.240	43	663909	5.497	ppbv	97
35) Carbon Tetrachloride	7.015	117	13357m	0.073	ppbv	
36) Benzene	6.886	78	126562	0.455	ppbv	97
38) Trichloroethene	7.835	130	12651m	0.111	ppbv	
41) Tetrahydrofuran	6.047	42	48923	0.427	ppbv	95
44) 2,2,4-Trimethylpentane	7.860	57	202003m	0.429	ppbv	
50) 4-Methyl-2-Pentanone	8.735	43	263253	0.969	ppbv	97
52) Tetrachloroethene	11.214	164	64562	0.665	ppbv	92
53) Toluene	9.799	91	8777415	27.345	ppbv	97
58) Ethyl Benzene	12.699	91	445304	1.057	ppbv	93
59) m/p-Xylene	12.953	91	1293241	3.655	ppbv	100
60) o-Xylene	13.680	91	409301	1.236	ppbv	96
61) Styrene	13.519	104	301859	1.496	ppbv	99
64) n-propylbenzene	15.555	120	16359m	0.127	ppbv	
72) 4-Ethyltoluene	15.828	105	95527	0.242	ppbv	97
73) 1,3,5-Trimethylbenzene	15.995	105	82486m	0.232	ppbv	
74) 1,2,4-Trimethylbenzene	16.751	105	259910	0.692	ppbv #	70
79) Naphthalene	22.185	128	35903m	0.128	ppbv	

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

