

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041122\
 Data File : VL038879.D
 Acq On : 11 Apr 2022 20:59
 Operator : SY/AP
 Sample : N2332-03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-3

Manual Integrations
 APPROVED

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

Quant Time: Apr 12 02:52:53 2022

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Apr 6 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	5.671	49	960924	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.179	114	3252556	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.082	117	2902971	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.410	95	2383920	10.826	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	108.300%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.047	85	54623	0.401	ppbv	93
3) Chlorodifluoromethane	2.989	51	43610m	0.372	ppbv	
4) Chloromethane	3.140	50	35578	0.586	ppbv #	84
9) Propene	3.015	41	798776	12.874	ppbv	90
10) Heptane	8.115	43	2267642	14.509	ppbv	96
11) Trichlorofluoromethane	3.951	101	33047	0.302	ppbv	96
12) 1,1,2-Trichlorotrifluo...	4.478	101	6423m	0.077	ppbv	
13) Ethanol	3.613	45	901344	239.042	ppbv #	100
15) Acetone	3.845	43	18554375	193.944	ppbv #	82
17) tert-Butyl alcohol	4.308	59	1963234	22.884	ppbv #	80
19) Isopropyl Alcohol	3.973	45	5188604	106.115	ppbv #	100
20) Methylene Chloride	4.346	84	69780	2.011	ppbv #	79
25) Ethyl Acetate	5.671	43	20563752	84.713	ppbv #	74
30) Cyclohexane	7.124	84	233507	2.398	ppbv	94
34) 2-Butanone	5.243	43	6122754	47.639	ppbv	96
35) Carbon Tetrachloride	7.015	117	8909	0.046	ppbv	98
36) Benzene	6.886	78	930492	3.145	ppbv	97
38) Trichloroethene	7.828	130	8361m	0.069	ppbv	
41) Tetrahydrofuran	6.044	42	628653	5.150	ppbv	99
44) 2,2,4-Trimethylpentane	7.861	57	1567002m	3.128	ppbv	
50) 4-Methyl-2-Pentanone	8.735	43	1798132	6.220	ppbv	98
52) Tetrachloroethene	11.217	164	43556m	0.421	ppbv	
53) Toluene	9.825	91	29987060	87.791	ppbv #	74
58) Ethyl Benzene	12.706	91	3804006	8.769	ppbv	95
59) m/p-Xylene	12.963	91	10030224	27.522	ppbv	95
60) o-Xylene	13.687	91	3489923	10.234	ppbv	97
61) Styrene	13.526	104	4301667	20.705	ppbv	98
62) Isopropylbenzene	14.658	105	152485	0.298	ppbv	98
64) n-propylbenzene	15.552	120	125972m	0.948	ppbv	
67) sec-Butylbenzene	17.285	105	71011	0.111	ppbv	98
70) n-Butylbenzene	18.542	91	187509m	0.356	ppbv	
72) 4-Ethyltoluene	15.825	105	855037m	2.100	ppbv	
73) 1,3,5-Trimethylbenzene	15.982	105	635430	1.737	ppbv	94
74) 1,2,4-Trimethylbenzene	16.751	105	2066491	5.344	ppbv #	70
79) Naphthalene	22.178	128	165123m	0.571	ppbv	

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

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