

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110922\
 Data File : VL039852.D
 Acq On : 9 Nov 2022 17:35
 Operator : SY/AP
 Sample : N5527-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 10596-LIVING-ROOM

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/10/2022
 Supervised By :Mahesh Dadoda 11/11/2022

Quant Time: Nov 10 03:50:02 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M

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

QLast Update : Thu Nov 03 09:27:12 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.179	49	1019700	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.632	114	2342519	10.000	ppbv	-0.01
55) Chlorobenzene-d5	11.433	117	2178369	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.741	95	1820419	11.165	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	111.600%
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.735	85	78192	0.454	ppbv	90
3) Chlorodifluoromethane	2.681	51	14359486	118.121	ppbv #	79
4) Chloromethane	2.819	50	44022	0.582	ppbv	95
9) Propene	2.713	41	834864	13.181	ppbv #	59
10) Heptane	7.552	43	84136	0.555	ppbv	93
11) Trichlorofluoromethane	3.562	101	34240	0.244	ppbv	85
13) Ethanol	3.256	45	12135620	2711.003	ppbv	98
15) Acetone	3.462	43	11756736	94.723	ppbv	91
17) tert-Butyl alcohol	3.899	59	88501	0.749	ppbv #	70
19) Isopropyl Alcohol	3.594	45	3401623	55.371	ppbv #	1
20) Methylene Chloride	3.931	84	140407	3.162	ppbv	91
25) Ethyl Acetate	5.189	43	1173416	4.590	ppbv #	91
26) Hexane	5.198	57	216292m	1.897	ppbv	
27) Carbon Disulfide	4.118	76	15236m	0.127	ppbv	
29) Chloroform	5.266	83	82427	0.514	ppbv	99
30) Cyclohexane	6.574	84	21556	0.226	ppbv #	83
34) 2-Butanone	4.774	43	1482751	15.343	ppbv	98
35) Carbon Tetrachloride	6.475	117	9153m	0.067	ppbv	
36) Benzene	6.346	78	95318m	0.482	ppbv	
37) 1,2-Dichloroethane	5.790	62	64638	0.682	ppbv	98
38) Trichloroethene	7.275	130	3858m	0.036	ppbv	
41) Tetrahydrofuran	5.539	42	387633	4.799	ppbv	97
44) 2,2,4-Trimethylpentane	7.301	57	204062m	0.612	ppbv	
50) 4-Methyl-2-Pentanone	8.163	43	111718	0.565	ppbv	100
52) Tetrachloroethene	10.584	164	7100m	0.096	ppbv	
53) Toluene	9.188	91	1475351	6.508	ppbv	99
58) Ethyl Benzene	12.053	91	276378	0.938	ppbv	99
59) m/p-Xylene	12.310	91	735791	2.993	ppbv	97
60) o-Xylene	13.027	91	215655m	0.926	ppbv	
61) Styrene	12.864	104	66265	0.462	ppbv	93
69) p-Isopropyltoluene	16.969	119	69668m	0.207	ppbv	
72) 4-Ethyltoluene	15.162	105	34490m	0.131	ppbv	
73) 1,3,5-Trimethylbenzene	15.317	105	35390m	0.152	ppbv	
74) 1,2,4-Trimethylbenzene	16.079	105	140746	0.570	ppbv #	69
76) 1,4-Dichlorobenzene	16.436	146	64783m	0.458	ppbv	
79) Naphthalene	21.345	128	120455m	0.671	ppbv	
80) Naphthalene,2-methyl-	24.342	142	9744	0.128	ppbv #	89

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

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