

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110922\
 Data File : VL039856.D
 Acq On : 9 Nov 2022 20:12
 Operator : SY/AP
 Sample : N5527-04
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 10605-BASEMENT-NEAR-SINK

Manual Integrations
 APPROVED

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

Quant Time: Nov 10 03:51:28 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	5.182	49	974931	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.635	114	2195226	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.433	117	2004222	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.744	95	1654509	11.029	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	110.300%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.735	85	57033	0.347	ppbv	90
3) Chlorodifluoromethane	2.684	51	9121441	78.479	ppbv #	88
4) Chloromethane	2.822	50	35276	0.487	ppbv	99
9) Propene	2.713	41	753121m	12.437	ppbv	
10) Heptane	7.552	43	95442	0.658	ppbv	97
11) Trichlorofluoromethane	3.562	101	31003	0.231	ppbv	85
13) Ethanol	3.246	45	4534548	1059.499	ppbv	93
15) Acetone	3.465	43	12034348	101.412	ppbv #	88
17) tert-Butyl alcohol	3.893	59	56946m	0.504	ppbv	
19) Isopropyl Alcohol	3.584	45	1683088	28.655	ppbv #	1
20) Methylene Chloride	3.931	84	226020	5.324	ppbv	93
26) Hexane	5.201	57	597614	5.483	ppbv #	67
29) Chloroform	5.262	83	53471m	0.349	ppbv	
30) Cyclohexane	6.581	84	22090	0.242	ppbv #	74
34) 2-Butanone	4.774	43	2530655	27.944	ppbv	98
35) Carbon Tetrachloride	6.468	117	10539m	0.082	ppbv	
36) Benzene	6.352	78	73489	0.397	ppbv	98
37) 1,2-Dichloroethane	5.796	62	24924	0.281	ppbv #	94
41) Tetrahydrofuran	5.542	42	624087	8.246	ppbv	97
44) 2,2,4-Trimethylpentane	7.301	57	222067	0.710	ppbv #	70
50) 4-Methyl-2-Pentanone	8.166	43	117156	0.632	ppbv	100
52) Tetrachloroethene	10.568	164	7285m	0.105	ppbv	
53) Toluene	9.195	91	1872647	8.815	ppbv	99
58) Ethyl Benzene	12.060	91	412528	1.522	ppbv	95
59) m/p-Xylene	12.310	91	1081728m	4.782	ppbv	
60) o-Xylene	13.027	91	266429	1.243	ppbv	95
61) Styrene	12.870	104	63623	0.482	ppbv #	88
69) p-Isopropyltoluene	16.963	119	39604m	0.128	ppbv	
72) 4-Ethyltoluene	15.172	105	37933m	0.157	ppbv	
73) 1,3,5-Trimethylbenzene	15.330	105	37866m	0.177	ppbv	
74) 1,2,4-Trimethylbenzene	16.076	105	135640	0.597	ppbv #	70
76) 1,4-Dichlorobenzene	16.442	146	52867m	0.406	ppbv	
79) Naphthalene	21.352	128	98697m	0.597	ppbv	

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

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