

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060622\
 Data File : VL039200.D
 Acq On : 7 Jun 2022 1:20
 Operator : SY/AP
 Sample : N3110-07 2X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-6

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 06/07/2022
 Supervised By : Mahesh Dadoda 06/07/2022

Quant Time: Jun 07 03:21:58 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 07 2022

QLast Update : Wed Jun 01 01:22:18 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.664	49	1207625	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.169	114	3353461	10.000	ppbv	-0.01
55) Chlorobenzene-d5	12.076	117	3069497	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.400	95	2376861	9.366	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.700%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	3.047	85	49856m	0.235	ppbv	
4) Chloromethane	3.137	50	23084m	0.292	ppbv	
9) Propene	3.015	41	17369m	0.259	ppbv	
10) Heptane	8.114	43	83356	0.533	ppbv	98
11) Trichlorofluoromethane	3.947	101	22779m	0.119	ppbv	
13) Ethanol	3.597	45	68929m	18.865	ppbv	
15) Acetone	3.848	43	1713688	13.623	ppbv	93
17) tert-Butyl alcohol	4.295	59	79116m	0.811	ppbv	
19) Isopropyl Alcohol	3.967	45	38682m	0.656	ppbv	
20) Methylene Chloride	4.349	84	67819m	1.279	ppbv	
26) Hexane	5.690	57	156250m	1.254	ppbv	
29) Chloroform	5.751	83	87334m	0.417	ppbv	
30) Cyclohexane	7.124	84	17224m	0.165	ppbv	
34) 2-Butanone	5.243	43	445885	2.447	ppbv	98
36) Benzene	6.886	78	56307m	0.207	ppbv	
44) 2,2,4-Trimethylpentane	7.864	57	74469m	0.156	ppbv	
51) 2-Hexanone	10.130	43	189467	0.893	ppbv #	91
52) Tetrachloroethene	11.214	164	321051	3.020	ppbv	93
53) Toluene	9.796	91	591570	1.887	ppbv	99
58) Ethyl Benzene	12.700	91	447571	1.059	ppbv	99
59) m/p-Xylene	12.957	91	1582429	4.250	ppbv	93
60) o-Xylene	13.680	91	763474	2.182	ppbv	100
61) Styrene	13.513	104	59268m	0.316	ppbv	
62) Isopropylbenzene	14.651	105	56006m	0.108	ppbv	
64) n-propylbenzene	15.545	120	70294m	0.550	ppbv	
69) p-Isopropyltoluene	17.641	119	83209m	0.152	ppbv	
70) n-Butylbenzene	18.542	91	204818m	0.365	ppbv	
72) 4-Ethyltoluene	15.828	105	433989	1.058	ppbv	98
73) 1,3,5-Trimethylbenzene	15.982	105	404891	1.095	ppbv	98
74) 1,2,4-Trimethylbenzene	16.744	105	1660941	4.024	ppbv #	64
79) Naphthalene	22.178	128	186722m	0.588	ppbv	

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

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